70-71

PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

Revised January 1971

Cooperative State Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.

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KEY TO ABBREVIATIONS*

Acad	Academic	Gen	General
Acct(s)	Account(s), Accountant, Accounting	Genet	Geneticist, Genetics
Actg	Acting	HEW	US Dept Health, Education, and Welfare
Adj	Adjunct	Herbic	Herbicide
Admin	Administration, Administrative,	Hist	History
	Administrator	Histol	Histologist, Histology
Adv	Adviser	Hort	Horticultural, Horticulture,
Affl	Affiliated, Affiliation		Horticulturist
Agron	Agronomist, Agronomy	Hous, Hsehold	Housing, Houshold
Agt	Agent	Husb	Husbandman, Husbandry
AID	Agency for Internatl Devlpmt	Нуд	Hygiene, Hygienist
Arch	Architect, Architectural, Architecture	Impl	Implement
ARS	Agricultural Research Service (USDA)	Impr	Improvement
Artif	Artificial	Indus	Industrial, Industry
A-TR, M-S	Administrative-Technical Representative	Inform	Information, Informationist
Program	McIntire-Stennis Program	Ins	Insect
Aud	Audio; Auditor	Insem	Insemination
Behvr	Behavior	Inst	Institute, Institution, Institutional
Biol	Biological, Biologist, Biology	Instr	Instruction, Instructor
Biomet	Biometric(s), Biometrical, Biometrician,	Int	Interior
Diomet			
D-	Biometry Bronch	Invest	Investigation, Investigator
Br		Itin	Itinerant
Brdg, Brdr	Breeding, Breeder	Jour	Journalism, Journalist
Bul	Bulletin	Lab	Laboratories, Laboratory
Bur	Bureau	Lect	Lecturer
Bus	Business	Ldr, Ldrshp	Leader, Leadership
Cellul	Cellular	Mach	Machine, Machinery
Chanc	Chancellor	Mater	Materials
Chg	Charge	Mech	Mechanical, Mechanics, Mechanization,
Chmn	Chairman		Mechanized
Clin	Clinic Clinical, Clinician	Met	Meteorologist, Meteorology
Cloth	Clothing	Me tab	Metabolic, Metabolism
Col	College	Mfg, Mfr	Manufacturing; Manufacture, Manufacturer
Com	Commercial	Mgr, Mgt	Manager; Management
Commun	Communication(s)	Micros	Microscopist, Microscopy
Comn	Commission	Min	Mineralogist, Mineralogy
Compt	Comptroller	Mkt, Mktg	Market; Marketing
Consum	Consumer	Molec	Molecular
C & MS	Consumer and Marketing Service	Nat	Natural
5 G	(USDA)	Nutr	Nutrition, Nutritionist
Cont	Continuing	Off	Office, Officers
Coop	Cooperation, Cooperative, Cooperator	Oper	Operating, Operations, Operator
Coord	Coordinator	Organ	Organic; Organization
Ctr	Center	Ornam	Ornamentals
Decid	Deciduous	Ornith	Omithologist, Omithology
D e f	Defense	Path	Pathological, Pathologist, Pathology
Demog	Demography	Per	Periodical
Demog Demon	Demonstrator		Pesticide
	_	Pestic	Physical, Physicist, Physiology
Dep	Deputy Development	Phys	
Devlpmt	Development	PO	Post Office
Diag	Diagnostic, Diagnostician	Polit	Political, Politics
Diff	Differences, Differentiation	Poul	Poultry
Dis	Disease(s)	Pract	Practical, Practice
Dist	District	Pres	President
Disting	Distinguished	Prev	Preventive
Distrib	Distribution, Distributive, Distributor	Prin	Principal
Div	Division	Proc	Process(es), Processing
Ed	Editor, Editorial	Prod	Product, Production
Elec	Electric, Electrical, Electrification	Prof	Professional, Professor
Emer	Emeritus	Prog	Program
Ent	Entomological, Entomologist, Entomology	Proj	Project(s)
Engin	Engineer, Engineering	Protec	Protection, Protective
Epidem	Epidemiologist, Epidemiology	Prov	Provost
ERS	Economic Research Service (USDA)	Pub	Publication
ESSA	Environmental Science Service Administra-	Pub	Publication
	tion	Radiat	Radiation
Eval	Evaluation	Recr	Recreation, Recreationist
Expt	Experiment, Experimental	Regulat	Regulation, Regulatory
Ext	Extension	Rehabil	Rehabilitation
Fam	Family	Relat	Related, Relations, Relationships
Fed	Federal	Reprod	Reproduction
Fdn	Foundation	Res	Research, Researcher
Fin	Finance, Financial	Resist	Resistant
Flor	Floricultural, Floriculture,	Rpt	Report
	Floriculturist	Rumin	Ruminant
For	Forest, Forestry	SCS	Soil Conservation Service (USDA)
FS	Forest Service (USDA)	Sect	Section
Fungic	Fungicide	Serv	Service
Fum	Fumishings	Spec	Special, Specialist
Gard	Garden, Gardener, Gardening	Spect Spect	Special, Specialist Spectometrist, Spectometry
	,,		

Key to Abbreviations* - Continued

USDC

USDI

Util

Vet

Vis

Vocat

USPHS

Verteb

Sta Station
Stud Students; Studies
Struct Structure(s)
Superv Supervisor

Syst System, Systematist

Tchr, Tchg Teacher; Teaching
Tech Technical, Technician
Technol Technologist, Technology

Text Textile
Tob Tobacco

Trng; Trnr Training; Trainer Turb Turbulence

TVA Tennessee Valley Authority

USDA U.S. Dept Agriculture

*This list is not complete. New abbreviations are added each year by various schools, and it is impossible, in the time available for producing each Directory, to detect all new abbreviations and add them to the list.

U S Dept Commerce

U S Public Health Serv Utilities, Utility, Utilization

Veterinarian, Veterinary

U S Dept Interior

Vertebrate

Vocational

Visual

PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

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1H E CHRISTEN PhD Prof For Mgt		12Mrs ELIZABETH Y DAVIS PhD Prof Nutr and Food	40
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1T F BUEHRER Prof Emeritus		23G J GRAHAM MS Chief Ed Agr Inform (602-884-327	9)
		23G W ALSTAD MS Ed Agr Inform	
12E W CARPENTER MS Res Assoc Soi. Chem 5L R COOPER Collab Soil Fert		2JOHN BURNHAM BA Expt Sta Ed	
2G E DRAPER BS Asst Agr Chem Soil Chem		3R G FOWLER BS Ext Inform Spec	
12G R DUTT PhD Prof Soil Chem and Water Cor		3B C NAPIER BA Ext Inform Spec	
12L DEVANS Phi Prof Soil Phys and Chinn of	nserv	Education (Agr)	400
on Hydrol and Water Resources	Comm		420
2B R GARDNER PhD Assoc Agr Chem Soil Fer		12F G McCORMICK PnD Prof Agr Educ and Head of	
(PO Yuma)	rt	Dept (602-884-1523)	
5Y H HAVENS BS Collab Soil Classif and Map		12J B HAMILTON PhD Asst Prof	
12D M HENDRICKS PhD Asst Prof Soil Genesis	ping	13G E HULL PhD Prof	
5R D JACKSON PhD Collab Soil Phys (PO Pho		12C O JACOBS EdD Assoc Prof	
12G V JOHNSON PhD Asst Prof Soil Fert	enix)	13K S OLSON PhD Prof	
12A N MACGREGOR PhD Asst Prof Soil Micro			
2T W McCREARY BS Asst in Res Soil Chem		Engineering (Agr)	400
5F A NAKAYAMA PhD Collab Soil Chem (PO		· · · · · · · · · · · · · · · · · · ·	430
Phoenix)		12K K BARNES PhD Prof Agr Engin and Head of	
13M L OPENSHAW PhD Asst Prof Ext Soil Mgt o		Dept (602-884-2169) SHERMAN ROLLWED DED College Soil and Waster (DO)	
12D F POST PhD Assoc Prof Soil Mineral	aro r ert	5HERMAN BOUWER PhD Collab Soil and Water (PO Phoenix)	
12H K QASHU PhD Assec Prof Soil Phys		5K J BRUST BS Collab Soil and Water (PO Phoenix)	
5H A SCHREIBER PhD Collab Soil Mech		12M D CANNON MS Assoc Prof Power and Mach	
2H V SMITH MS Soil Sci Soil Mgt		5D L CHERY MS Collab Soil and Water	
2STANLEY SNITZER BS Asst in Res Soil Fert		2WAYNE CLYMA MS Res Assoc Syst	
12J L STROEHLEIN PhD Assoc Prof Soil Fert		2P R DAVIS BS Asst in Res Soil and Water	
12T C TUCKER PhD Prof Soil Fert		5L J ERIE MS Collab Soil and Water (PO Phoenix)	
12FRID TURNER Jr PnD Assoc Soil Sei Mgt (Pi	0	12D D FANGMEIER PhD Assoc Prof Soil and Water	
Saffort) Assoc Scil Sci Mgt (Pi	J	5J H FORD BS Collab Elec Power and Proc	
12A W WARRICK PhD Asst Prof Soil Mech		5G W FRASIER BS Collab Soil and Water (PO	
12R L WESTERMAN Asst Prof Soil Met		Phoenix)	

450 Extension Administration Engineering (Agr)-Continued **3**G E HULL PhD Dir (602-884-2711) 12R K FREVERT PhD Prof 3A A ALLEN MS Dist Supvr 12K R FROST MS Prof Power and Mach 3L R AMBURGEY PhD Staff Assistant 2W S GOLDTHWAITE BS Asst in Res Power and Mach 3C L EDMOND PhD State Ldr of Com & Res Devlpmt (PO Phoenix) 3H E JONES EdD State Ldr of 4-H Club Work 2RO HAGEMAN Asst in Agr Engin Power and Mach 3C W MARTIN MS State Ldr Home Econ (actg) (PO Mesa) 3K S OLSON PhD State Ldr of Agr 3A D HALDERMAN Engin Ext Soil and Water 3RAY WEICK EdD Dist Supvr 3G P WRIGHT MA Asst to Dir 12B L HARRICTT MS Assoc Prof Power and Mach (PO Mesa) **3W** W HINZ BS Ext Power and Mach 440 2W L KERN Asst in Agr Engin Power and Mach Home Economics, School of 12Mrs RUTH C HALL PhD Prof Home Econ and Dir of 12W G MATLOCK PhD Assoc Prof Soil and Water 125L E MYERS MS Prof Soil and Water
5H B OSBORN CE Collab Soil and Water Sch (602-884-2310) 12B L REID PhD Prof and Chmn Div Food and Nutr 1RUTH A ALLEN MS Prof Cloth and Text 5C D OWENS MS Collab Elec Power and Proc 3DAMARIS BRADISH PhD Ext Consumer Educ 2W H PIKE BS Asst in Res 1RALPH CHAVEZ MA Asst Prof Child Devlpmt and 2R C REEDER MS Asst Agr Engin Power and Mach 5K G RENARD MA Collab Soil and Water Fam Relat 12V A CHRISTOPHERSON EdD Prof Child Devlpmt and 5J A REPLOGLE PhD Collab Soil and Water (PO Fam Relat Phoenix) 5R C RICE BS Collab Soil and Water (PO Phoenix)
2T P SPENCE Asst in Agr Engin Soil and Water 1H C DAY MA Asst Prof Relat Arts 1Mrs JEAN R DEES MS Instr Child Devlpmt and Fam Relat 12H N STAPLETON MS Prof Syst 3JUNE C GIBBS MA Ext Nutr 5D F WANJURA MS Collab Syst 12Mrs NANCY A GRAHAM PhD Asst Prof Home Econ 3W T WELCHERT MS Ext Form Structures 12FRANK WIERSMA PhD Prof Farm Structures 1MARTHA HESTER MS Lect Food and Nutr 1J R HINE MS Assoc Prof Child Devlpmt and Fam 440 Entomology 12G W WARE PhD Prof Ent and Head of Dept (602-884-Relat 1Mrs MILDRED R JENSEN MA Prof Relat Arts 11511 12FAYE C JONES MS Prof Housing 5R I BARKER PhD Collab Apic 5A C BARTLETT PnD Collab Cutton Ins (PO Phoenix) 1Mrs BESSIE J KEARNS PhD Assoc Prof Child Devlpmt and Fam Relat 5L A BARIOLA PhD Collab Cotton Ins (PO Phoenix) 12Mrs MARY A KIGHT PhD Assoc Prof Food and Nutr 5D E BRYAN PhD Collab Cotton Ins 12Mrs ANY JEAN KNORR EdD Prof Home Econ Educ 5G C BUTLER Jr PhD Collab Cotton Ins 3Mrs ISABEL LEVY MS Ext Home Furn 2W P CAHILL MS Res Assoc Pesticides 1Mrs NYLDA A LOPEZ PhD Asst Prof Child Devlpmt 12L A CARRUTH PhD Prof Econ Ent and Fam Relat 12L A CROWDER PhD Asst Prof Ins Physiol 1Mrs ALICE B LOWELL MS Prof Fam Econ and Home 5J W DEBOLT MS Collab Veg Ins (PO Mesa) Mat 2BETTY J ESTESEN BS Asst in Ent Pesticides 124Mrs DORIS E MANNING PhD Prof Home Econ Educ 2D G FULLERTON MS Res Assoc Cotton Ins 3Mrs BILLIE F MAUNTEL BS Ext Nutr Asst (PO Phoenix) 3C W MARTIN MS Ext Child Devlpmt and Fam Relat 125R EFYE PhD Assoc Prof and Collab Cotton Ins 1EDNA E PAGE MS Asst Prof Home Econ Educ 12P D GERHARDT PhD Prof Ent Veg Field Crop Ins 3PEGGY H PUTNAM MS Ext Nutr (20 Mesa) 3Mrs HAZEL L ROBERTS MS Ext Cloth and Text 5M A GILLIAM MS Collab Microbiol Apic 12E T SHEEHAN PhD Asst Prof Food and Nutr 2F R HALL BA Res Assoc Pesticides 5M H HAYDAK PhD Collab Apic 5C G JACKSON MS Collab Cotton Ins 34CORINNE I STINSON MS Ext Home Mgt and Home 12Mrs DAWN H TUTTLE PhD Asst Prof Fam Econ and 2P H JOHNSON MS Asst in Res Nonchem Ins Home Mat Control 5J C KELLER MS Collab Cotton Ins (PO Phoenix)
2M L LINDSEY MS Res Assoc Cotton Ins 1MARY A WOOD MS Prof Food and Nutr 1SUSAN E WRIGHT MS Instr Cloth and Text 12MARY J WYLIE MS Asst Prof Cloth and Text 3J EMAY BS Ext Survey Ent (PO Phoenix) 1BARBARA J ZECHES MS Asst Prof Food and Nutr **5**S E McGREGOR MS Collab Apic 5J O MOFFETT MS Collab Apic 3LEON MOORE MS Ext 470 Horticulture 2D P MORGAN MD PhD Epidem Pesticides 12STEVE FAZIOMS Prof Hort and Head of Dept (602-125M W NIELSON PhD Assoc Prof and Collab Forage Ins 884-1628) 2MARTHA L NOLLER BS Asst in Ent Taxon 12W P BEMIS PhD Prof Veg Genet 12W L NUTTING PhD Prof Insect Physiol 2P M BESSEY PhD Assoc Hort Veg Physiol (PO Mesa) 2E H PASCHAL Asst in Ent Pesticides 2M W BRENDLE BS Asst in Res Veg (PO Mesa) 5RAYMOND PATANA BS Collab Cotton Ins 12LELAND BURKHART PhD Prof Citrus Physiol 12F D COLE PhD Asst Prof Landsc Physiol 5H K POOLE PhD Collab Apro 12C C ROAN PhD Prof Pesticides
3J N RONEY PhD Ext (PO Phoenix) 2R E FOSTER II PhD Hort Veg Brdg (PO Mesa) 12G S GREENE BS Prof of Landsc Arch
2D E HARRIS BS Res Assoc Citrus (PO Yuma) 5L W SHEETS Collab Cotton Ins (PQ Phoenix) 5C F SOOHOO PhD Collab Veg Ins (PO Mesa) 2R H HILGEMAN PhD Hort Citrus Physiol (PO Tempe) 5H G SPANGLER PhD Collab Apic 5L N STANDIFER PhD Collab Apic 5ADAIR STONER MS Collab Cotton Ins 124LeMOYNE HOGAN PhD Prof Landsc Physiol 12W D JONES BS Prof of Landsc Arch 2W A KINNISON MS Res Assoc Citrus Physiol 5STEPHEN TABER III BS Collab Apic (PO Tempe) 12D M TUTTLE PhD Prof Ent Acarology Citrus Pests 12J R KUYKENDALL PhD Prof Fruit Physiol (PO Yuma) 3N F OEBKER PhD Ext Veg 5P V VAIL PhD Collab Veg lns (PO Mesa) 2W D PEW PhD Hort Veg Physiol (PO Mesa) 125G D WAILER MS Lect and Collab Apic 12TF WATSON PhD Prof Ent Cotton Ins 2D R RODNEY PhD Hort Citrus Physiol (PO Yuma) 2G C SHARPLES MS Assoc Hort Biochem (PO Mesa)

2G K TRITZ BS Asst in Res Veg (PO Yuma)

2G P WENE PhD Assoc Ent Urban Ins

12F G WERNER PhD Prof Taxon

Plant Breeding 480	Watershed Management —Continued
12J E ENDRIZZI PhD Prof Plant Brdg and Head of Dept	5P F O'CONNELL MS Collab Resource Econ
(602-884-1014)	12P R OGDEN PhD Prof Ronge Mgt
2W E BRYANDSc Plant Brdr Cotton	2 R L RAWLES BS Asstin Res Range Mgt
12D R BUXTON PhD Asst Prof Cotton Brdg	12E M SCHMUTZ Phl) Prof Range Mat
2Mrs JEAN L DYKEMAN BA Asst in Plant Brdg Fiber	5R D SLAYBACK BS Mgr Plant Mater Center Range Mgr
Testing	12E L SMITH PhD Asst Prof Range Mat
5C V FEASTER PhD Collab Cotton Genet (PO	12J L THAMES PhD Prof Watershed Hydrol
Phoenix) 12W D FISHER PhD Prof Cotton Brdg (PO Phoenix)	12D B THORUD PhD Prof Watershed Mat
12F R H KATTERMAN PhD Assoc Prof Plant Brdg	12R M TINLIN MS Instr Watershed Mat
2C D MANDERSCHEID BS Asst in Res Cotton Brdg	12R F WAGLE PhD Prof Silvic 5E P YOUNG BS Asst Mar Plant Mater Center Range
(PO Phoenix)	Mgt Mgt - Masst Mgt Fident Mater Genter Addige
12HIROSHI MURAMOTO PhD Assoc Prof Cotton Brdg	12M J ZWOLINSKI PhD Assoc Prof Watershed Mgt
12L S STITH PhD Prof Cotton Brdg	12M 3 2MODINGNI FILD MSSOC FIGH Watershed Migh
5E L TURCOTTE PhD Collab Cotton Genet (PO	Miscellaneous 53
Phoenix)	2D C AEPLI Farm Spec Field Crops (PO Mesa)
12R L VOIGT PhD Prof Sorghum Brdg	1F R BARRECA BA Dir of Radio-TV Bur
2W C WHITING BS Asst in Res Cotton Genet	3SARAH I HARMAN MS Asst State Ldr of 4-H Club Work
and with the beautiful the bottom defict	3H E JONES PhD State Ldr 4-H Chin Work
Plant Pathology 490	1A R KASSANDER PhD Dir Water Resources Res
12E L NIGH Jr PhD Prof Plant Path and Head of Dept	Center
(602-884-1828)	1H L MARSHALL AB Dir of Univ News Bur
12S M ALCORN PhD Prof Omom Dis	12W G MATLOCK PhD Campus Coord AID Brizil Prog
12R M ALLEN PhD Prof Citrus Dis	2J M NELSON MS Form Spec Field and Hort Crops
5 L M BLANK PhD Collab (PO Phoenix)	(PO Mesa)
12H E BLOSS PhD Assoc Prof Dis Resistance	ISOL RESNICK MS Assoc Dir Water Resources Res
12Mrs ALICE M BOYLE PhD Prof Soil-borne Dis	Center
12R L CALDWELL PhD Asst Prof Dis Physiol	
5W W CARTER MS Collab Nematol (PO Phoenix)	Branch Stations 540
2J E ELSON MA Asst in Dis Physiol	Cotton Res Sta (PO Phoenix)
12R L GILBERTSON PhD Prof Mycol and For Dis	2C W FITZGIBBON BS Supt
3 F A GRAY BS Ext Asst in Plant Path	Mesa Sta (PO Mesa)
123R B HINE PhD Prof Ext Spec and Plant Path	2W D PEW PhD Supt
2J C MATEJKA Asst in Res Citrus Dis (PO Yuma)	Safford Sta (PO Safford)
12M A McCLURE PhD Assoc Prof Nematol	2FRED TURNER Jr PhD Supt
2H H McDONALD BS Asst in Res Citrus Dis (PO	Salt River Valley Citrus Sta (PO Tempe)
Phoenix)	2R H HILGEMAN PhD Supt
12M R NELSON PhD Prof Virus Dis	Univ Sta (PO Tucson)
5H W REYNOLDS PhD Collab Nematol (PO Phoenix)	2E H HUSSMANN Supt
12M E STANGHELLINI PhD Asst Prof Veg and Sugar-	Yuma Valley and Yuma Mesa Sta (PC Yuma)
beet Dis	2FRANK PRITCHARD BS Supt
12R B STREETS PhD Prof Root Dis	
2J.L TROUTMAN PhD Assoc Plant Path Citrus and	
Veq Dis (PO Yuma)	School of Forestry, Northern Arizona University,
2R E WHEELER BS Asst in Res Virol	Flagstaff 8 6 001
12MILTON ZAITLIN PhD Prof Virol	20.11 0.77 1.78
Poultry Science 500	1College Staff 9A-TR, M-S Program
12B L REID PhD Prof Poultry Sci and Head of Dept	
(602-884-1980)	F16
12H B HINDS MS Assoc Prof Emer	542
12J O NORDSTROM PhD Assoc Prof Physiol	1J L WALKUP EdD Pres of Univ (602-523-3232) 19C O MINOR DF Dean of Sch of For (602-523-3031)
13F D ROLLINS PhD Prof Ext	190 0 MINUN DF Death of Sch of For (602-523-3031)
12C W WEBER PhD Assoc Prof Nutr	
ABBOT TOT WALL	Forestry 546
Statistics (Agr) 510	1C O MINOR DF Dean Sch of For
12R O KUEHL PhD Prof Statis Design (602-884-1480)	1T E AVERY PhD Prof For Mensuration
2J R GEBERT PhD Asst Statis Design	1D W BERRY PhD Assoc Prof Ecol
- Transfer to the state bedryn	1E A KURMES PhD Assoc Prof of Silvic
Watershed Management 520	1L D LOVE PhD Prof For Range
2J H EHRENREICH PhD Prof Watershed Mgt and Head	1T G OKEEFE MF Asst Prof Wood Technol
of Dept (602-884-2313)	1A J SCHULTZ MF Asst Prof Recreation
12C D BONHAM PhD Assoc Prof Quant Ecol	IW P THOMPSON DI Assoc Prof Econ
12S K BRICKLER PhD Asst Prof Recreation	IGLENN VOORHIES FE Assoc Prof Wood Technol
5 D R CABLE MS Collab Range Mgt	1D E WOMMACK PhD Assoc Prof For Genet
12E B FISH MS Instr Watershed Mgt	
12M M FOGEL PhD Prof Watershed Hydrol	
2H R FRITZ Asst in Watershed Mgt	
3B N FREEMAN MS Ext Range Mgt	ARKANSAS
5M H GIESKE MS Collab Resource Econ	
125H M HULL PhD Prof and Collab Plant Physiol	Division of Agriculture (Agricultural Experiment
12G L JORDAN PhD Assoc Prof Range Mgt Range Reveg	Station, Agricultural Extension Service, and College of Agri-
12D A KING PhD Prof Econ and Recreation	culture and Home Economics) of the University of
12J H KITCHEN MS Instr Watershed Mgt	Arkansas, Fayetteville "2"01 (Main tel 501-5"5-2000)
12J O KLEMMEDSON PhD Prof For and Range Ecol	
12P N KNORR PhD Prof Econ and Magt 12G S LEHMAN PhD Assoc Prof Watershed Magt	10.11 0.77
125 C MARTIN PhD Prof and Collab Range Mat	1College Staff 2Station Staff 3Extension Staff
5H L MORTON PhD Collab Plant Physiol	5Coop USDA 6Other Govt Agency 7Military Leave
- D MOTITOR I ND COMUD FIGHT FHYSIO!	9A-TR, M-S Program

ARKANSAS 550-590

Animal Sciences-Continued 550 2L O BROWN MS Res Asst Anim Brdg 123D W MULLINS PhD Pres 12J A COLLINS PhD Asst Prof Dairy Mfg 12L B DANIELS PhD Asst Prof Dairy Hush 123J W WHITE PhD Vice Pres for Agr (Tel Area Code 501-575-2251) 2G V DAVIS BSA Res Asst Dairy Nutr 29E M CRALLEY PhD Dir of Agr Expt Stu (Tel Area 2Mrs JANICE I FLOYD BA Res Asst Poultry Nutr Code 501-575-2253) 3J O GIBSON Ji MS - Area Livestock Spec (PO Harrison 16 W HARDY PhD Dean of Col of Agr and Home 72601. Econ (Tel Area Code 501-575-2252) 12T L GOODWIN PhD Assoc Prof Poultry Prod 3C A VINES BS Dir of Agr Ext Serv (PO Box 391 Little 12N R GYLES PhD Prof Poultry Brdg Rock 72203 Tel Area Code 501-376-6301) 12G C HARRIS FhD Prof Foultry Physiol 123J W WOODY BS Treas 12M C HECK MS Asst Prof Meats 2R S HONEA MS Res Asst Anim Husb 560 Agronomy 3DAVID IBSEN DVM Ext Vet (PC Box 391 Little Rock 12D A HINKLE PhD Prof Soil Fert and Head of Dept 72203) 3DONALD ADAMS MS Area Agron (PC Russellville 2Mrs ZELPHA JOHNSON BS Res Asst Anim Sci 72801 21 M KEETER BSA Res Asst Nutr 23M F APPLEBERRY MS Area Agron Cotton 3L T LANGFORD MS Ext Poultryman (PO Box 391 (PO McGehee 71654) Little Rock 72203) 2F M BOURLAND BSA Res Asst Cotton Brdg 2P K LEWIS Jr PhD Prof Biochem Meats 3C E LUEKER PhD Ext Anim Husb (PO Box 391 12D A BROWN PhD Prof Soil Chem 12C E CAVINESS PhD Prof Soybean Brdg
3S L CHAPMAN PhD Ext Soils Spec (PO Box 391 Little Rock 72203) 2L W LUTHER BCA Res Asst Poultry Sci Little Rock 72203) 3J D MCCLURKIN MS Area F xt Livestock Spec (PO 2F C COLLINS PhD Asst Prof Field Crops Bussellville 72801) 2L B FERGUSON BSA Res Asst Turf 3R C McDANIEL PhD Ext Livestock Spec (PO Box 391 23R F FORD MS Area Agron Crops (PO Jonesboro Little Rock 72203) 724011 12T S NELSON PhD Assoc Prof Anim Nutr 12P B NOLAND PhD Prof Swine Nutr and Brdg 2T E PATRICK BS Res Asst Dairy Mfg 12R E FRANS PhD Prof Weed Control 2BEN FUGUA MS Res Asst Soil Chem 27M D GALLIMORE MS Res Asst Cotton 12L T PATTERSON PnD Assoc Prof Anim Microbiol 3CD HARRIS MS - Area Agron (PO Box 60C Marianna 12 L PERKINS PhD Assoc Prof Sheep Husb 12E H PETERSON DVM PhD Prof Poultry Path 2L H HILEMAN MS Asst Agron Soil Fert 2H P PETERSON DVM Asst Prof Vet Sci 12E L PIPER PhD Asst Prof Anim Physiol 3B A HUEY MS Area Agron Rice (PO Stuttgart 72160) 3H R HURST PhD Ext Agron Weeds (PO Box 391 3D F POTTS MS Area Ext Dairyman (PO 733½ St Little Rock 72203) Louis St Batesville 72501) 2D L JOHNSON MS Res Asst Field Crops 3J B RAGLAND PhD Ext Dairyman (PO Box 391 3T C KEISLING BSA Res Asst Soil Fert Little Rock 72203) 2J L KEOGH PhD Prof Soi, Fert (PO Marianna 72360) 12J M RAKES FhD Prof Dairy Brdg 12J W KING PhD Asst Prof Turf 3LANTIS RATCLIFF PhD Ext Dairyman (PO Box 391 2RICHARD MAPLES MS Asst Agron Soil Fert (PO Little Rock 72203) Marianna 72360) 12M L RAY PhD Prof Beef Cattle Nutr 3W N MILEY PhD Ext Soils Spec (PO Box 391 2R A SELPH BSA Res Asst Anim Husb 2R N SHARP BSA Res Asst Swine Nutr Little Rock 72203) **3**G L MORRIS MS Area Agron Weeds (PO Jonesboro 120 T STALLCUP PhD Prof Dairy Physiol and Nutr 2VAN THOMPSON BSA Res Asst Poulty Sci 72401) 3R P NESTER MS Ext Agron (PO Box 391 Little Rock 2D R TUGWELL BS Res Asst Sheep Husb 72203) 2T D VINES BSA Res Asst Dairy Husb 12M S OFFUTT PhD Prof Legume Brdg 2SARA K WADE MS Res Asst Vet Sci 2J S PENNINGTON MS Res Asst Field Crops 12P W WALDROUP PhD Assoc Prof Poultry Nutr 2R F WARD BSA Res Asst Dairy Husb 12G A PLACE PhD Assoc Prof Soil Chem 12E M RUTLEDGE PhD Asst Prof Soil Morphol 13RALPH WILLIAMS PhD Asst Prof and Area Ext 12W E SABBE Ph.D Assoc Prof Soil Fert 2L J SANDAGE BSA Res Asst Pasture and Forage
12A E SPOONER PhD Prof Pasture and Forage Crops Dairyman 2Mrs FAULETTE WILSON BS Res Asst Vet Sci 3J T WOOD BS Eastern Ark Livestock Spec (PO 2H C STATON BSA Res Asst Weed Control Marianna /2360) 12H R STOIN PhD Asst Prof Crop Ecol 2Mrs CAROL S WOOTEN BS Res Asst Vet Sci 12CHARLES STUTTE PhD Asst Prof Field Crops 2Mrs MARY A SWINDLE MS Res Asst Wood Control Economics (Agr) and Sociology (Rural) 12R E TALBERT PhD Assoc Prof Weed Control 12L F THOMPSON PhD Prof Soil Fert 12H J MEENEN PhD Prof Agr Finance and Head of Dept 3T E ATKINSON MS Ext Econ (PO Box 391 2M R TUCKER MS Res Asst Soil Fert 12B A WADDLE PhD Prof Cotton Brdg Little Rock 72203) 25R D BASS MS Agr Statis (PO Box 1417 Post Office 2L B WARD BSA Res Asst Soil Morphol Bldg Little Rock 72203) 2W S WATSON Jr MS Res Asst Crop Mgt 12C R BERRY PhD Prof Mktg 3H W WELLHAUSEN MS Ext Agron (PO Box 391 2Mrs KAROL B BUDD MS Instr Rural Sociol Little Rock 72203) 12D F CAPSTICK MS Asst Prof Prod Econ 2J D WIDICK MS Res Asst Legume Crops 3W E WOODALL MS Ext Cotton Spec (PO Box 391 12J L CHARLTON PhD Prof Rural Sociol 3J A CLOWER BSA - Ext Livestrick Mktg Spec (PO Box Little Rock 72203) 391 Little Rock 72203) 12J O YORK PhD Prof Grain Brdg 3W C CUMMINGS MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203) 570 **Animal Sciences** 2C R GARNER BSA Res Asst Prod Econ 12E L STEPHENSON PhD Prof Nutr and Head of Dept 12L D ANDREWS PhD Assoc Prof Poultry Brdg
3T L BARTON PhD Ext Poultryman
2C A BAUGUS MS Res Asst Swine 25R L. GREEN PhD - Coop Aur From Devlpmt 12W A HALBROOK PhD Assoc Froi Prod Econ 3R W HALE MS Area Farm Mgt Spec (PO McGehee

71654)

Rock 72203)

3R B HALLMARK MS Ext Mgt Ar.al (PO Box 391 Little

12J N BEASLEY DVM PhD Prof Path

12J F BROWN DVM PhD Asst Prof Parasitol

12C J BROWN PhD Prof Anim Brdg

590-630 ARKANSAS

Economics (Agr) and Sociology (Rural)-Continued

3E H HARMS MS Ext Agri-Bus Econ (PO Box 391 Little Rock 72203)

12G T HUDSON PhD Prof Rural Sociol

12HILLIARD JACKSON PhD Prof Prices and Mktg 25E A JOHNSON BS Agt Mkt News (PO Box 10 Fort Smith 729011

3R H JOHNSON MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

2GARY KEATHLEY MS Res Asst Prod Econ

3J O KUMPE Sr BSA Ext Farm Mgt Spec (PO Box 391 Little Rock 72203)

12D G LAFFERTY MS Asst Prof Mktg

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3L L LOONEY MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

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3C R MOORE MS Ext Econ (PO Box 391 Little Rock

12W R MORRISON PhD Prof Mktg and Policy 25TROY MULLINS PhD Coop Agt Prod Econ

12CARTER PRICE PhD Assoc Prof Mktg

3J B RÅGLAND PhD Ext Farm Mgt Spec (PO Box 391 Little Rock 72203)

12J M REDFERN MS Asst Prof Res Econ 25J B ROBERTS Jr Agt Mkt News (PO Univ of Ark Center Little Rock 72203)

3J D SHULTS MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

25H H SPURLOCK MS Coop Agt Econ Devlomt

2C A STUART MS Instr Mktg

3D R WALLACE BS Ext For Prods Mktg Spec (PO Box 391 Little Rock 72203)

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12W J WINDHAM MS Asst Prof Mktg

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3Mrs SHIRLEY C RUSSELL BSE Asst Ext Ed (PO Box 391 Little Rock 72203)

2V H SCHOONOVER MS Asst Sta Ed

Education (Agr and Home Econ) (Col of Educ) 610

1D B HUTSON EdD Prof Agr Educ and Head of Dept 1Mrs AVA GRAY MS Asst Prof Home Econ Educ

1E L LOVE EdD Assoc Prof Agr Educ

1R E NORTON PhD Asst Prof Agr Educ 1J A SCANLON PhD Asst Prof Agr Educ

1Mrs BEULAH WHORLEY MS Assoc Prof Home Econ Educ

Engineering (Agr) 620

12B B BRYAN MSAE Prof Soil and Water and Head of Dept

2G W BAKER BSBA Res Asst Soil and Water 12R H BENEDICT MSAE Prof Elec Power and Proc 3R C BENZ MS Ext Agr Engin (PO Box 391 Little Rock 72203)

12J A FERGUSON MSCE Asst Prof Water Resources 3J L GATTIS MS Ext Agr Engin (PO Box 391 Little Bock 72203)

2C L GRIFFIS PhD Res Assoc Soil and Water
12W S HARRIS MSAE Assoc Prof Soil and Water 12E J MATTHEWS MSAE Assoc Prof Power and Mach 12XZIN McNEAL MA Prof Structures

Engineering (Agr)-Continued

12G S NELSON MSAE Assoc Prof Elec Power and Proc 12R L PARISH PhD Asst Prof Power and Mach

12T R C ROKEBY PhD Prof Structures

Entomology 625 12F D MINER PhD Prof Forage Crop Ins and Head of

Dept

12R T ALLEN PhD Asst Prof Taxon and Biol Control 3GORDON BARNES MS Ext Ent (PO Box 391 Little Rock 72203)

23W P BOYER MS Surv Ent Ins Pests

2GERALD DEAN MS Res Asst Cotton Ins

2B A DUMAS MS Res Asst Forage Crop Ins

2RODNEY HOLLOWAY MS Res Asst For Ins

3B F JONES PhD Ext Ent

3J J KIMBROUGH MS Ext Area Ent (PO Box 60C Marianna 72360)

12R M KIRKTON PhD Asst Prof Taxon and Bicl Control 12J L LANCASTER Jr PhD Prof Livestock Pests

12CHARLES LINCOLN PhD Prof Cotton Ins

2R L MAYES MS Res Asst Veg Ins

23M V MEISCH PhD Asst Prof and Ext Ent Mosquito Control

12J R PHILLIPS Ph.D Assoc Prof Cotton Ins

2R L REYNOLDS BS Res Asst For Ins

2E P ROUSE MS Res Asst Taxon

2JOSEPH SIMCO MS Res Asst Livestock Pests

2R G THOMPSON MS Res Asst Taxon and Biol Control
12N P TUGWELL PhD Assoc Prof Rich and Soyhean Ins

3M L WALL MS Ext Area Ent (PO McGehee 71654)

2G W WALLIS MS Res Asst Forest Ins

12L O WARREN PtD Prof For Ins and Apic

12W D WYLIE PhD Prof Fruit and Vea Ins

12W C YEARIAN PhD Assec Prof For Ins 12S Y YOUNG III PhD Asst Prof Ins Physiol

630

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72203)	12J L DALE PhD Prof Corn and Grass Dis	
Forestry—See Horticulture and Forestry	2Mrs LINDA B DOUTHIT BS Res Asst Nematol	
	26D A DOWNEY MS C∞op Agt USDC—Met	
tome Economics 640	12J P FULTON PhD Prof Virol	
12EVELYN M COX PhD Prof and Head of Dept	12N D FULTON PhD Prof Cotton Dis	
3ETHEL BENNETT BSHE Ext Spec Relat Arts and	12M J GOODE PhD Prof Veg Dis	
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12S CATHERINE CARROLL PhD Prof Nutr	12J P JONES PhD Prof Cereal Dis	
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Devlpmt	2T H McCARVER BS Res Asst Cotton Dis	
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Little Rock 72203)	Rock 72203)	
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	Safety (FO DOX 331 Little Nock 72203)	
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12C A RAGUSE PhD Asst Prof Irrig Pastures

12P W RAINS Pul. Leat Plant Nutr Ion Uptake and Trans loc it

2BURT RAY BS Seed Certif

2J E RUCKMAN BA Chem Lab

12C W SCHALLER PhD Prof Genet Cereal

25E G SMITH BS Agron Cotton

12F L SMITH PhD Prof Emeritus Genet Bean Brdg

12E H STANFORD PhD Prof Genet Alfalfa

2D C SUMNER BS Agron Forage Crops
25C A SUNESON MS Genet Cereals (Retired)

2C L TUCKER BS Genet Brdg Lima Bean 25J H TURNER MS Genet Cotton

25V T WALHOOD PhD Plant Physiol Cotton
12W A WILLIAMS PhD Prof Internat Agr Prog Plant

Physiol Forage Legumes and Cover Crops

12F P ZSCHEILE Jr PhD Prof Biochem Dis Resistance

Animal Physiology

12J M BODA PhD Prof and Chmn of Dept Physiol Figure nant Finds or national Metal of Line.

12H & BROCKSEN PaD - Asset Prof Fish Biol

12H W COLVIN Jr PhD Assoc Prof Ruminant Physiol 12J M HOROWITZ Jr MS Asst Prof Biophysiol

2W E HOWARD PhD Pest Control
12F # LORENZ PhB Prof Physiol Reproduction

2R E MARSH AB Anim Ecol

12A H SMITH PhD Prof Physiol Environ Physiol Metabolism

12R G SCHWAB PnD Lect Wildlife Eiol

12R G SCHWAB PhD Lect Wildlife Biol 12I H WAGMAN PhD Prof Neurophysiol Primate Biol

1C M WINGET PhD Lect Biorhythmicity 12Mic DOROTHY I. WOCLLEY PnD Assoc Prot Neurophysiol

Animal Science 910

12MAGNAR RONNING PhD Prof and Chmn of Dept Nutr Metabolism 12C R ASHMORE PhL Asst Prof Physiol Devlpmt

Growth 12R L. BALLWIN, Ir Philip Prof. Biochem. Metab Control. 11e-

124G F BRADFORD PhD Prof Genet Genotype Environ Interior

12F D CARROLL PhD Prof Nutr Meat

910-955 CALIFORNIA

	Science-Continued	Bacteriology (Agr) 920
12H H	H COLE PhD LLD Prof Emer Physiol Bloat Reprod	1H J PHAFF PhD Prof and Chmn of Dep Bact
120 7	Endocrin Recalled CCUPPS PhD Prof Physiol Reprod Endocrin	12R F. HUNGATE PhD Prof Microbiol Rumen Studies
12]	W EVANS PhD Asst Prof Anim Sci	12J L INGRAHAM PhD Prof Microbiol Low Temp 12A G MARR PhD Prof Bact and Dean Grad Div
	A E GALL PhD Asst Prof Genet Biochem	12A G MATHET HE THEE Edet and Dean Grag Div
	N GARRETT PhD Prof Nutr Environ Studies	12C S MUDGE PhD Prof Emer Bact
12I I	GESCHWIND PhD Prof Biochem Protein Hormones	12DAVID PRATT PhD Assoc Prof Bact
	ROLD GOSS PhD Prof Brochem Nutr Emeritus	12D M REYNOLDS PhD Assoc Prof Microbiol Chitingse
12P V	GREGORY DSc Prof Emer Genet Bovine Achondro-	Teaching Films
	plasia	12M P STARK PhD Prof Microbiol Pigments and Phyto-
12HU.	BERT HFITMAN Jr PhD Prof Nutr Swine	path. Baet
	C HOWELL MS Prof Emer Anim Husb Horses HULL MS Nutr Irrig Pasture	Dr. I. r. I.B. I
	X KLEIBER DSc Prof Emer Nutr Intermed Metab	Biochemistry and Biophysics 930 12P K STUMPF PhD Prof and Chmn of Dept Plant Bio-
12R C	CLABEN PhD Prof Genet Anim Brdg	chem. Lipids
	LOFGREEN PhD Prof Nutr Feed Eval	12G E BRUENING PhD Asst Prof Nucleic Acids Plant
12S W	MEAD MS Prof Emer Dairy Sci Nutr and Genet	and Anim Virus
	MENDEL PnD Lect Comp Physiol Environ	12STERLING CHAYKIN PhD Prof Enzymol Pyridin
	MEYER PhD Prof Nutr Fiber Nutr Fibrous Feed	Nucleotide Metabolism Oxidative Phosphorylation
12G F	MOBERG PhD Ass Prof Compar Physicl Findorine	12E E CONN PhD Prof Plant Biochem Aromatic
12 I C	Mech in Growth and Reproduction MORRIS PhD - Assoc Prof Range Nutr Cattle and	Compounds
123 (Sheep	12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions
1.2D W	ROBINSON PhD Assoc Prof Nutr Swine	12M E DAHMUS PhD Asst Prof Biochem
	ROLLINS PhD Prof Genet Population	12R H DCI PhD Prof Control Mech in Bacterial Dif-
2 D T	TORELL MS Anim Husb Range Nutr Sheep	ferentiation
2 K A	WAGNON BS Anim Husb Range Studies Beef	12MARILYNN E ETZLER PhD Asst Prof Immunochemist
	WEIR PhD Prof Nutr Ruminants Sheep	12J L HEDRICK PhD Assoc Prof Enzyme Structures
12J F	WILSON MA Prof Emer Anim Husb Wool	12L L INGRAHAM PhD Prof Phys Organic Chem
1:-4	Rehavioral Science	Enzyme Mechanisms
	Behavioral Sciences 917 THOMPSON PhD Prof and Chmn of Dept Rural	124JACK PREISS PhD Prof Enzymologist Carbohydrate Metab
.=0 [Social	1Mrs FRANCES E RUDERT MS Lect Mgt Teaching Lab
1Mrs	LOUISE M BACHTOLD EdD Asst Prof Child	12I H SEGEL PhD Assoc Prof Sulfur Metab in Bact and
	Devlpm:	Fungi
1GLI	EN BURCH EdD Lect Adult Educ and Dir UNEX	12A P TOLIVER PhD Asst Prof Molecular Biol
	Davis	
	FORBES PhD Prof Social Sci	Botany (Agr) 940
	O FUJIMOTO MA Lect Rural Social	124C R STCCKING PhD Prof and Chmn of Dept Plant
	HARPER PhD Asst Prof Child Devlpmt HAWKES PhD Prof Child Devlpmt	Physiol Chloroplasts 12E M GIFFORD Jr PhD Prof and Act Chmn of Dept
	TON HILDEBRAND PhD Prof Human Devlomt	Morphol Plant Anat
	HOROWITZ MS Act Asst Prof Child Devlpmt	12F M ASHTON PhD Prof Plant Physiol Weed Control
	LINE JOHNSON MS Lect Supv Tohr Educ (Retired)	12D E BAYFR PhD Lect Plant Physiol Weed Control
1E M	JUERGENSON PhD Prof Tchr Trng	12P A CASTELFRANCO PhD Prof Dir Padua Study
1GEC	DRGE KAGIWADA PhD Asst Prof Applied Be-	Certer Plant Physiol Biochem
D	havioral Sci	12A S CRAFTS PhD Prof Emeritus (Recalled) Plant
	LYNN PhD Prof Child Psychol OLSEN Asst Prof Design	Physiol Weed Control 12H B CURRIER PhD Prof Plant Physiol Cellular
	RY C REGAN PhD Assoc Prof Res Design and	Physiol
• = (V1/-11	Anal	124ELIZABETH B CUTTER PhD Prof Plant Morphol
1Mrs	KATHERINE W ROSSBACH PhD Assoc Prof	12R H FALK PhD Asst Prof Cytology
	Design	25PAUL KEELEY PhD Bot Cotton
	JOANN A STABB BA Lect Design and Cloth	12NORMA J LANG PhD Assoc Prof Morphol Algae
1S S	SUTHERLAND MS Prof Emer Tehr Educ Group Proc	120 A LEONARD PhD Lect Weed Control
1111	and Learning	12JACK MAJOR PhD Assoc Prof Plant Ecol
	IF. N. WELKER MA Lect Nursery School Tchr MY E. WERNFR PhD Prof Psychol Child Devlpmt	25J H MILLER PhD Bot Cotton 12R F NORRIS PhD Asst Prof Plant Growth Regulators
	WITT MA Lect Design	Herbicide Res in Agronomic Crops
,,,	Will Mit Goot Design	12T E RAGLAND PhD Asst Prof Plant Physiol
		2T F TISDELL PhD Bot Weed Control
	iences 918	12J M TUCKER PhD Prof Taxon
	GRAU PhD Prof and Chmn of Dept Nutr Embryo	12T E WEIER PhD Prof Emer Plant Physiol Cytol
12Mrs	URSULA H ABBOTT PhD Prof Genet Avian	12KENNETH WELLS PhD Assoc Prof Mycol Fungi
19H I	DevIpmt Pop ABPLANALP PhD Prof Genet Brdg	25R R YEO PhD Res Agron Aquatic Weed Control
	ASMUNDSON PhD LLD Prof Emeritus (Recalled)	Chemistry (Agr) 950
	Genet The Eller Tier Eller (Necessity)	12R M KEEFER PhD Prof and Chmn of Dept Chem Phys
12R E	BURGER PhD Prof Physiol Reprod	12L J ANDREWS PhD Prof Chem Organic
2 E A	JOHNSON MS Poultry Husb	12R K BRINTON PhD Prof Chem Phys Organic Anal
	KRATZER PhD Prof Nutr Anim Metabolism	12R E KEPNER PhD Prof Chem Organic
12F X	OGASAWARA PhD Assoc Prof Physiol Reprod	12E P PAINTER PhD Prof Chem Biochem
יוז רובן	Mgt PETERSON PhD Prof Nutr Poultry Prode Muscle	12H G RFIBER PhD Prof Emer Chem Organ 12D H VOLMAN PhD Prof Chem Phys
IZU W	PETERSON PhD Prof Nutr Poultry Prods Muscle Biochem	IT YOURSEN FID FIOI CHEMP HYS
12P N	N VOHRA PhD Assoc Prof Nutr Poultry Prods	Consumer Sciences 955
12B W	WILSON PhD Assoc Prof Physiol Cell Physiol	12MARY ANN MORRIS PhD Prof and Chmn of Dept
12W O	WILSON PhD Prof Poultry Mgt Environ Physiol	Chem Text Sci
	Neuro Endocrinal	12H L NEEDLES PhD Asst Prof Text Sci

CALIFORNIA 955-1010

Consumer Sciences—Continued	Entomology 990
124Mrs ROSE MARIE PANGBORN MS Assoc Prof Nutr and	120 G BACON PhD Prof and Chmn of Dept Agr Ent
Foods Sensory Eval Sensory Perception	Pests of Legume Seeds Corn Potatoes Sweetpotatoe
12G F RUSSELL MS Asst Prof Food Chem	12S F BAILEY PhD Prof Emer Agr Ent Mosquito Thrips
12H G SCHUTZ PhD Act Prof Foods	Pests of Plums Prunes Cherries
12S H ZERONIAN PhD Asst Prof Text Sci	12R M BOHART PhD Prof Syst Ent Mosquito Wasp Flies
Economics (Agr) 960	2R W BUSHING PhD Asst Ent 2E C CARLSON MS Agr Ent Seeds and Oil Crops
12J H SNYDER PhD Prof and Chmn of Dept Resource	12W R COTHRAN PhD Asst Prof Agr Ent
Econ Agr Devipmt	12J E ECKERT PhD Prof Emer Apic Dis Insecticides
12H F CARMAN PhD Asst Prof Agr Mktg	12N F GARY PhD Assoc Prof Apic Pesticides and Pol-
12H O CARTER PhD Prof Farm Mgt Prod Econ	lination
12G W DEAN PhD Prof Prod Farm Mgt	12A A GRIGARICK Jr PhD Prof Agr Ent Field Crops
12D B DELOACH PhD Prof Mktg Econ and Policy	12C L JUDSON PhD Assoc Prof Ent Mosquito Eggs
12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal	12H H LAIDLAW Jr PhD Prof Apic Brdg
12B C FRENCH PhD Prof Mktg Econ	12W H LANGE Jr PhD Prof Agr Ent Pests in Veg Crops
12VARDEN FULLER PhD Prof Agr Econ 12D E HANSEN MS Act Asst Prof Agr Econ	Soil Insecticides Snails and Slugs 2T F LEIGH PhD Agr Ent Cotton
12T R HEDGES PhD Prof Farm Mgt Interntl Agr	12G A H McCLELLAND PhD Assoc Prof Med Ent
1Mrs ANN HERTZENDORF MS Lect Conserv Econ	Mosquito
25S S JOHNSON PhD Agr Econ Farm Mgt	12D L McLEAN PhD Assoc Prof Ent Ins Borne Viruses
12W E JOHNSTON PhD Assoc Prof Natural Resources	2R E RICE PoD Asst Ent
12G A KING PhD Prof Mktg Econ	12L M SMITH PhD Prof Fint Einer Taxon
12SYLVIA LANE PhD ProfAgrE∞n	12E MSTAFFORD PhD Prof Agr Ent Pests of Grapes
12T P LIANOS MS Asst Prof Agr Econ	Olives Figs Scale Ins
12S H LOGAN PhD Assoc Prof Agr Econ	124F E STRONG PhD Prof Agr Ent Plant Resistance
2J W MAMER PhD Act Agr Econ	12F M SUMMERS PhD Prof Agr Ent Mites
12A F McCALLA PhD Assoc Prof Agr Pelicy and Political Econ	2R W THORP PhD Asst Apic 2F E TODD BSc Ent Apic
12C O McCORKLE Jr PhD Prof Prod Econ Farm Mgt	12R K WASHINO PhD Agr Ent Taxon
25C V MOORE PhD Agr Econ Prod and Resource Econ	1211 K WASTING THE AGI EIR TOKON
12QUIRINO PARIS PhD Asst Prof Agr Econ	Environmental Horticulture 995
12EDITH H PARKER AB Act Asst Prof Agr Econ	12H C KOHL Jr PhD Prof and Chmn of Dept Plant
12G C RAUSSERMS Act Asst Prof Econometrics	Physiol Flor
124S H SOSNICK PhD Prof Mktg Econ Indus Organ	2T G BYRNE MS Landsc Hort Flor
12J M TINLEY PhD Prof Emeritus Mktg Econ Internati	12S M GOLD PhD Assoc Prof Environ Planning
Agr Coop	124W P HACKETT PhD Assoc Prof Ornam Hort
	12 J A HARDING PhD Assoc Prof Genet Flor
Englished (A.)	124R W HARRIS PhD Prof Plant Physiol Arboriculture
Engineering (Agr) 980	12ANTON KOFRANEK PhD Prof Flor 12A T LEISER PhD Assoc Prof Hort Plants
12J R GOSS MS Prof and Chmn of Dept Hay Handling Small Seed Harvesting	12. H MADISON Jr PhD Assoc Prof Plant Physiol Turf
25P A ADRIAN BS Mech Harvesting	12J L PAUL PhD Asst Prof Soil and Plant Nutr
12N B AKESSON MS Prof Agr Chem and Pest Control	12R M SACHS PhD Prof Plant Physiol Flor
12ROY BAINER MS Prof Emeritus Mech Harvesting	
25T E BOND MS Environ Studies	Environmental Toxicology 1000
12T H BURKHARDT MS Act Asst Prof Agr Engin	12W W KILGORE Ph.D Prof and Chmn of Dept Food Sci
12J J CARROLL MA Act Asst Prof Meteorol	and Tech Biochem Pesticides
25L M CARTER BS Mech of Cotton	12T E ARCHER BA Lect in Environ Decontamination
12W J CHANCELLOR PhD Prof Soil Mech	12D G CROSBY PhD Prof in Food Sci Technol Toxicol
2PICTIAW CHEN PhD Agr Engin 25THAYER CLEAVER BS Form Structures	Chem Toxical of Pesticides 12J N SEIBER PhD Lect Environ Toxical
12K L COULSON PhD Prof of Meteorol Atmos Radiat and	2W L WINTERLIN MS Residue Anal
Heat Transfer on Environ	ZW E WHATEHERA ME TROUMER HAS
12J B DOBIE BS Lect Relat of Elec to Agr Hay Pellet-	Food Protection and Toxicology Center 1005
ing	12W W KILGORE PhD Dir (Tel Area Code 916-752-1142)
124R B FRIDLEY MS Prof Mech Harvesting of Fruits	
12R E GARRETT MS Assoc Prof Mech Harvesting of	
Lettuce	Food Science and Technology 1010
12J P GENTRY MS Lect Fruits in Transit	12B S SCHWEIGERT PhD Prof and Chmn of Dept Nutr
25R L GIVENS MS Coop Res Problems	Biocheii. 12R A BERNARD PhD Prof Plant Physiol Food Flavor
2W B GODDARD MS Agr Engin 2RENE GUILLOU MS Agr Engin	Chem
12J C HARPER DSc Assoc Prof Freeze Drying	123A W BRANT PhD Lect Poultry and Egg Proc
12S A HART PhD Prof Sanit Engin of Livestock Wastes	124C O CHICHESTER PhD Prof Chem Engin Food Pig-
12S M HENDERSON MS Prof Refrigeration Ruce Drying	ments Food Engin
12C F KELLY MS Prof Anim Environ and Structure	12E B COLLINS PhD Prof Microbiol Dairy Prod
124R A KEPNER BS Prof Hay Handling	and Public Health
12COBY LORENZEN Jr MS Prof Emer Tomato Harvesting	12E V CRISAN PhD Asst Prof Microbiol Food Technol
12A A McKILLOP PhD Prof Freeze Drying	12W L DUNKLEY PhD Prof Dairy Technol Dairy Prod
12P S MOLLER PhD Assoc Prof Drift Studies	12R E FEENEY PhD Prof Blochem Proteins
12S R MORRISON PhD Assoc Prof Anim Environ 12L O MYRUP PhD Asst Prof Met	12D W GRUENWEDEL PhD Asst Prof Instrumental Anal Food Chem
12L W NEUBAUER PhD Prof Structures	26E H GRUGER Jr MS Fish and Wildlife Serv USDI
12MICHAEL O'BRIEN PhD Prof Bulk Handling	12J M HENDERSON PhD Assoc Prof Food Technol
12. B POWERS PhD Prof Electronic Sorting of Fruits	2BRUCE HUBBELL Jr BS Dairy Technol Dairy Prod
12H B SCHULTZ PhD Lect Geog Prof Agr Engin	12E L JACK PhD Prof Emeritus Food Chem Milk Fats
Climatol	12W G JENNINGS PhD Prof Agr Chem Food Flavor Chem
12H E STUDER MS Lect Agr Engin	Food Plant Sanit
12W E YATES MS Prof Sprays and Pest Control	12S J LEONARD BS Lect Food Tech

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Physics (Agr)—Continued

12M P. GABENE BELGO OF CONTROL WAS ACCORDED. Food Science and Technology-Continued 124M J LEWIS PhD Assoc Prof Brewing Tech 12B S LUH PhD Lect Aur Chen. Food Produing Spoil age Deteriorat 12L G MARSH MS Prof Emer Food Technol Chem of Plant Pathology 12R & Thu GAN Ph.L. From in a Council for optimization Deteriorat Freezing and Canning Technol 25. TAVAL OFFICE FAMILIAN NORTH 12MENDEL MAZELIS PhD Assoc Prof Biochem Freezing Preserv 12R L MERSON PhD Asst Prof Engin 12M W MILLER PhD Assoc Prof Microbiol Dried Fruit 25C W BENNETT PhD Plant Path Virus Dis of Sugarbeets 12E E BUTTLER PED Prop Plant Part. Proc Hirvert Dis Yeasts Mycoc 12R N CAM: BLLL PhD | Prot.Plust Part. Veg.L.s 12E M MRAK PhD Prof Ener Food Technol 12T A NICKERSON PhD Prof Dairy Technol Dairy Prod 124Mts ROSE MARIE PANGBORN MS Assoc Prof Nutr and 12J E DEVAY PhD Prof Plant Path Host Parasite Relat 25J E DUFFUS PhD Plant Path Virus Dis of Sugarbeets
12 J M UNIVAY PuB Leve Plant Path Funds Sensory Eval Sensory Perception

12H J PHAFF PhD Prof Microbiol Taxon of Yeasts 12W H ENGLISH PhD Prof Plant Path Dis of Deciduous Enzyme and Pectin Chem 12L M SMITH PhD Prof Agr Chem Lipids Fruits and Nuts 25h H GARBER MS Plant Path Cotton Dis
25A C GOHEEN PhD Plant Path Grape Dis
25J M HARVFY PhD Plant Path Post Harvest Fruit Dis 12CLARENCE STERLING PhD Prof Bot Histol Chem and Biophys of Foods 12G F STEWART PhD Prof Food Chem Anim Prod Technol 12W B HEWAT I FRATE From Float Pate Grape Dis Soil John Min. 12A L TAPPEL PhD Prof Biochem of Foods 12N P TARASSUK PhD Prof Emer Agr Chem Dairy Prod 12B R HOUSTON PhD | Prof Plant Path Field Crop Dis Deteriorat 25J M KLISIEWICZ PhD Plant Path Oi! Crop Dis 12TSUNE KOSUGE PhD Assoc Prof Plant Path 12R H VAUGHN PhD Prof Food Microbiol Spoilage Plant Sanit Public Health Problems Biochem of Plant Pathogens 12J R WHITAKER PhD Prof Biochem Enzyme Chem Meat 12L D LEACH PhD Prof Emeritus Plant Path Seeding Quality 2F H WINTER BS Freezing and Drying Dis 12GECRGE NYLANI Poll From Plant with Fruit Tree Genetics 1020 Vi. i Lis 12R W ALLARD PhD Prof and Chmn of Dept Genet 12J M OGAWA PhD Pro: Plant Path Lie of Deciduous Brag Lima Bean Fruits and Nuts 12J B BOYD PhD Asst Prof Genet
12G J EDLIN PhD Across Prof Genet
12L C GOTTLIEB TO Across Prof Gener
12L M GHEEN, PhD Across Across Across Across
12R E KUNKEE PhD Across Across Across
12R A SHLESER PhD Asst Dot Gener 25T S PINE PhD Plant Path Dis of Deciduous Fruits 25WC SCHNATHORST PhD Plant Path Cotton Dis 12T ASHALLA Fr. Fr. Fr. Fr. Fr. Fr. Fr. Frunt Virus 12R J SHEEPHERD PhD | Lect Plant Virol 12h J Shillmento Pali (Lect Plant Viro)

12h F Whishing Hill (Fig. 1) Cenet Plant Pathogens in the fine open over 12h F Will Control Post Control Plant Path Fruit and Nut 12S R SNOW PED. Fruit Genet Cytogenation 12G L STEBBINS Jr PhD | Prof Plant Genet Flant had his bast Evolution International Agricultural Institute 1040 Pamology 124C M HARDIN PhD Dir 12D S BROWN PhD Prof and Chrin of Dept Plant (Tel Area Code 916-711-0820) Physical Relat Climate to Prod 12F W ALLEN MS Prof Eleer Physical Port Harvest Fruits 12MURIEL V BRADLEY PhD Lect Pomol Morphol Cytol
12F J PRELN Fr. Lect Pomol Plant Physic! 1KURT KREITH PhD Prof and Chian of Dept Mich 12R S BRINGHURST Ph.) Prof Genet Small Fruit Brdg 12G A BAKER PhD Prof Statis Design and Anal of Expt 2J R BUCHANAN BS Anal Chem Foliar and Soil Anal 12R M CARLSON PhD Lect Pon.ol Fruit Tree Nutr Multivariate Anal 12E B ROESSLER PnD Prof Emeritus of Dept Status De-12P B CATLIN PhD Lect Physiol Growth and Devipmt
12L L CLAYPOOL PhD Prof Physiol Post Harvest Fruit sign and Anal of Expt Surv Methoda Nematology 1070 12J C CRANE PhD Prof Plant Physicl Hormones Fig 12D J RASKI PhD Prof and Chmn of Dept Nematol Prod Taxon Grapes Virus Dis

12M W ALLEN PhD Prof Netratel Laxor Cotton 121 D. DAVIS POD LLI Prof Europe For all Plant Physiol That Boar 2A F GILMORE MA Plant Physiol Feaches 12W H GRIGGS PhD Prof Physiol Fruit Brdg 25F E CAVENESS PhD Plant Path Cotton 12BERT LEAR PhD Prof Nematol Nematocides Veg and 124P F. HANNOHE PhD Assoc Prof. Genet Fruit Brdq 12H T. HANNOHE PhD From Plant Engagetion Field Crops 12B F LOWNSBERY PhD Lect Nematol Famogeneouty Lectuded Fruit and Vita

12A R MAGGENTI PhD Lect Nematol Morphol Nursery 12C O HESSE PhD Prof Genet Fruit Brdg 12D E KESTED Full From Physiol Prof Brd in a Genet and Ornam 2Charl. LHLIF, Abl + I Froffmor Flort Emporal Soil 12D R VIGLIERCHIO PhD Lect Nematol Physiol and Stille. Biochem 2G R MARTIN PhD Hort and Plant Physiol 12E C MAXIE PhD Prof Biochem Post Harvest Fruit 1075 Nutrition Problems Ionizing Radiation 12F W HILL PhD Prof and Chinn of Dept Nutr Energy 12E LIROPBSTING PLD From the Femal Plant Metabolism 12Mrs LUCILLE SHURLEY PnD Prof Bracken Nutr Physicl and Scile 12R J RCMANI PhD Lect Pomol Maturity Problems 12SUSAN MOACE PhD Asst Prof Nutr 12R B RUCKER PhD Asst Prof Nutr Irradiation Studies

12KAY RYUGO PhD Lect Pomol Cling Peaches Pears

12N F SCMMER Follow For Forgroup Growth Subtack of the rest Financial Material Nutraind

Img of Deciduous Fruits
2VICTOR VOTH RS - Hort Small Fruits

18

12FRANCES J ZEMAN PhD Assoc Prof Nutr

Spectroscopy

17 E DRAPER PhD Prot and Chrin of Dept Phys 12C G PATTEN PhD Prof Nuclear Phys Accelerators CALIFORNIA 1120-1175

Soils and Plant Nutrition 1120	Viticulture and Enology—Continued
12V V RENDIG PhD Prof and Chmn of Dept Plant	12A D WEBB PhD Prof Enol Aroma and Flavor Constit-
Physiol Soil Plant Interrelationship	uents
12D G ALDRICH Jr PhD Chancellor Irvine Campus Prof	12A J WINKLER PhD Prof Emer and Vitic
Chem Fert and Mgt	NI. C. Im.
12E L BEGG BS Lect Soil Surv Transformation	Water Science and Engineering 115
12F E BROADBENT PhD Prof Soil Microbiol Introgen	12V H SCOTT PhD Prof and Chmn of Dept Irrig Engin Ground Water Devlpmt
Transform	12JAIME AMOROCHO PhD Prof Hydrolic Engin Surface
12A L BROWN PhD Lect Soil Chem Micronutrients	Water Hydrol
12R G BURAU PhD Asst Prof Soil Chem Colloids	12J W BIGGAR PhD Prof Soil Phys Water Quality
2A B CARLTON MS Spec Peat Land Mgt and Conserv	12R H BURGY MS Prof Civil Engin Hydrol and Water
12C C DELWICHE PhD Prof Soil Sci and Biochem	Supply
Kearney Foundation	12L D DONEEN PhD Prof Soil Chem Water Quality
12EMANUAL EPSTEIN PhD Prof Plant Physiol Trans-	Standards
locat by Plants	2D W GRIMES PhD Irrig Mgt
12F F HARRADINE PhD Prof Soil Morphol Surv	12R M HAGAN PhD Prof Coord Internati Agr Prog and
Correlation	Assoc Dir Dry-Lands Res Inst Irrig Water Soil
2F W HERBERT BS Soil Morphol	Plant Relat
12G L HUNTINGTON PhD Lect Soil Surv	12W E HART MS Lect Irrig Syst Design
23W E MARTIN PhD Soil Fert	12D WHENDERSON PhD Prof Soil Sci Soil Mgt under
12D N MUNNS PhD Assoc Prof Soil Sci Nitrogen Metabo- lism Halophytic Plant Metabolism	Irrig
12H M REISENAUER PhD Lect Soil Sci in Kearney	124T C HSIAO PhD Assoc Prof Plant Soil Water Relat
Foundation Soil Fert and Plant Nutr	12A W KNIGHT PhD Asst Prof Water Sci 12J N LUTHIN PhD Prof Soil Phys Drainage
2W J SHARRATT PhD Soil Fert	2J C MARR BS Assoc Expt Sta Irrig (Retired)
12P R STOUT PhD Prof Dir of Kearney Foundation of	2R J MILLER PhD Irrig Soil Fert Irrig Mgt
Soil Sci Soil Chem Plant Soil Interrelations	2D L MORGAN MS Asst Res Hydromet
12L D WHITTIG PhD Prof Soil Chem Soil Genesis	12D R NIELSEN PhD Prof Soil Phys of Soil Moisture
	12W O PRUITT Jr MS Lect Irrig Engin
Vegetable Crops 1130	12F E ROBINSON PhD Lect Irrig Water Mgt
12J M LYONS PhD Prof and Chmn of Dept Physiol	12T S STRELKOFF PhD Assoc Prof Civil Engin
2J C BISHOP MS Veg Crops Plot Work	Hydrodynamics
2R M DAVIS Jr PhD Oler Physiol Res	12F J VEIHMEYER PhD LLD Prof Emeritus Irrig
12W J FLOCKER PhD Prof Oler Soil Compaction and	Engin
Water Relat	-
2G C HANNA BS Oler Brdg 12J F HARRINGTON PhD Prof Oler Seed Prod	Zoology (Agr) 1160
12F D HOWARD PhD Lect Oler Biochem of Growth and	1H T SPIETH PhD Prof and Chmn of Dept Ins Behavior
Devlpmt Dect Oler Diochem of Growth and	Especially Mating of Drosophila
12J E KNOTT PhD DSc Prof Emer Plant Physiol	1MILTON HILDEBRAND PhD Prof Vertebrate Morphol 12W J HAMILTON PhD Assoc Prof Starling Control
120 A LORENZ PhD Prof Nutr	12W M LONGHURST PhD Lect Zool Ecol Relat Wildlife
12J H MacGILLIVRAY PhD Prof Emer Oler Qual and	to Agr
Food Value Studies	25L H MILLER PhD LLD Prof Emeritus Biol Avian
12L L MORRIS PhD Prof Oler Post Harvest Physiol	Paleontol
2K N PAULSON PhD Asst Oler Soil Fert	124M A MILLER PhD Prof Crustacea
12H K PRATT PhD Prof Plant Physiol Post Harvest	12L E ROSENBERG PhD Prof Zool Protozool and
124LAWRENCE RAPPAPORT PhD Prof Oler Post Har-	Histol
vest Growth Regulators	12T ISTORER PhD LLD Prof Emeritus Zool
124C M RICK Jr PhD Prof Genet Tomatoes Brdg Crucifers	
12P G SMITH PhD Prof Oler Brdg Taxon of Peppers 12A R SPURR PhD Assoc Prof Oler Histopath Studies	Miscellaneous 1170
2M A STEVENS PhD Genet	124JACK PANGBORN MA Spec Expt Sta (Facility for Advanced Instrumentation)
2HERMAN TIMM PhD Oler Potatoes	vanced instrumentation)
2J E WELCH PhD Oler Brdg	Extension Service (Agr)
12MASATOCHI YAMAGUCHI PhD Lect Oler Physiol	3C E HOUSTON BS Asst State Dir
and Biochem Studies on Devlpmt	3S P CARLSON MS Asst State Dir
12F A YANG PhD Lect Biochem Post Harvest Res	3R S AYERS MS Ext Soils and Water Spec
2M B ZAHARA BS Veg Crops Time and Motion Studies	3D L BATH PhD Ext Dairy Nutr
2 F W ZINK Jr MS Veg Crops Growth Rates	3L J BERRY BS Ext Range Spec
to the tensor	3J A BEUTEL MS Ext Pomol
iticulture and Enology 1150	3L J BOOHER CE Ext Irrig
12H W BERG MS Prof and Chmn of Dept Enol Color	3A W BRANT PhD Ext Food Tech
Extraction	3R W BRAZELTON BS Ext Agr Engin
2C J ALLEY PhD Vitic Disease-free Root Stock 12M A AMERINE PhD Prof Enol Enol-controlled Fer-	3J C BRUHN PhD Ext Food Technol
::entation Fib Fibi End Endreconfiding Fer-	3V E BURTON BS Ext Ent
12J A COOK PhD Prof of Vitic Vitic Mineral Nutr	3R B BUSHNELL DVM Ext Vet
12J F GUYMON PhD Prof Enol Brandy Res	3W J CLAWSON MS Ext Anim Sci 3G M COOKE BA Ext Enol
12W M KLIEWER PhD Lect Vitic Biochem Invest	3R H COPPOCK AB Ext Commun Spec
124R E KUNKEF, PhD Assoc Prof Biochem of Microbiol	3G L CRENSHAW DVM Ext Vet
Fermentation	3M W CUMMINGS BS Ext Wildlife Spec
12L A LIDER PhD Assoc Prof Vitic Devlpmt of New	3R G CURLEY MS Ext Agr Engin
Root Stock	3W B DAVIS MS Ext Ornam Hort
12K E NELSON PhD Prof Vitic Grape Storage	3R B DUFFIN PhD Ext Irrig and Drain Engin
12H P OLMO PhD Prof Vitic New Varieties Brdg	3J T ELINGS BS Ext Anim Sci
2C S OUGH BS Eval of Wine Grapes 12V L SINGLETON PhD Prof Enol Wine Aging	3C L ELMORE MS Ext Weed Control Spec
25MASAMI UOTO PhD Vitic Hort	3J A EMO MEd 4-H Club-Youth Spec
12R J WEAVER PhD Prof Vitic Growth Regulators	3R A ERNST PhD Ext Poultry Spec 3H L FISHER Ext Vis Spec
or use reduction	ALL IN TOTAL

1175-1178 CALIFORNIA

Extension Service (Agr)-Continued

3W D FITZWATER MS Ext Wildlife Spec

3M N GAGNON AB Ext Inform Spec

3D E GILBERT PhD Ext Bioclimatol

3G S GOBLE BS Ext Dairy and Livestock Technol

3Mrs BARBARA A GUNN PhD Ext Human Rel Spec

3D H HALL PhD Ext Plant Path
3W H HART PhD Ext Plant Nematol

3W A HARVEY MS Ext Weed Control Spec 3R F HASEK PhD Ext Flor

3F J HILLS PhD Ext Agron

3MARVIN HOOVER BS Ext Cotton Spec (PO Shafter)
3K H INGEBRETSEN BS Ext Agron Technol

3F E JONES MS Ext Inform Spec 3A N KASIMATIS MS Ext Vitic

3R F KASMIRE MS Ext Mktg Technol

34B A KRANTZ PhD Ext Soils Spec

3E C LOOMIS PhD Ext Parasitol
3V L MARBLE PhD Ext Agron
3W E MARTIN PhD Ext Soils Spec

3W B McHENRY BS Ext Weed Control Technol

3W C MICKE MS Ext Pomol Technol 3G E MILLER Jr BS Ext Agr Engin

3H L MILLER MS 4-H Club-Youth Spec 3M D MILLER MS Ext Agron

3F G MITCHELL MS Ext Pomol Mktg

3W J MOLLER PhD Ext Plant Path

3F D MURRILL MS Ext Dairyman

3V P OSTERLI BS Prog Ldr Spec Proj 3P S PARSONS MS Ext Econ

3R A PARSONS MS Ext Agr Engin

3R C PEARL BS Ext Food Technol

3C L PELISSIER MS Ext Dairyman

3J D PRATO MS Ext Agron

3JAMES QUICK BA Ext Technol

3R S RAUSCHKOLB PhD Ext Soils Spec

3A D REED PhD Ext Econ

3H B RICHARDSON MS Ext Vitic Mktg

3A D RIZZI BS Ext Pomol

3A S ROSENWALD DVM PhD Ext Poultry Path

3V E RUBATZKY PhD Ext Veg Crops Spec

3D JANE SCHOPPE MS Ext Home Furn Spec

3W L SIMS PhD Ext Veg Crops Spec

3G M SPURLOCK PhD Ext Anim Sci 3WARD STANGER MS Ext Apic

3J F STREET MS Ext Range Technol 3R D TEAGUE BS Ext Wildlife Spec

3R E VOSS PhD Ext Veg Crops Spec 3W E WILDMAN PhD Ext Soils Spec

3MADELYN C WILLIAMS MA Ext Clothing Spec

3G K YORK PhD Ext Food Technol

Veterinary Medicine, School of

1178

12W R PRITCHARD DVM PhD JD Dean of Sch of Vet Med and Assoc Dir of Sta (916-752-1360)

12J R DOUGLAS PhD Assoc Dean of Sch of Vet Med (916-752-1800)

ANATOMY

12L Z McFARLAND DVM PhD Prof and Anat and Chmn of Dept (916-752-3082)

1R D BARNES PhD Asst Prof

1L J FAULKIN PhD Assoc Prof 1B L HART DVM PhD Assoc Prof

IL M JULIAN DVM PhD Prof

12W S TYLER DVM PhD Prof and Anat

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12J J KANEKO DVM PhD Prof and Vet and Chmn of Dept (916-752-0153)

12E J CARROLL PhD Lect and Assoc Spec
12N C JAIN DVM PhD Assoc Prof and Assoc Clin Path

12D E JASPER DVM PhD Prof and Vet

120 W SCHALM DVM PhD Prof and Vet

CLINICAL SCIENCES

12F A RHODE Jr DVM Prof and Vet and Chmn of Dept (916-752-1363)

1A A ARDANS DVM Asst Prof

Veterinary Medicine, School of-Continued

12R M CELLO DVM Prof and Vet and Dir of Vet Med Tcha Hosp

1J F CHRISTENSEN DVM PnD Emeritus Prof and Vet

1W S CRIPE Visiting Res Vet

12MAARTI.N DROST DVM Asst Prof

1A G EDWARD DVM Lect and Spec Lab Anim Med

1G O EWING DVM Asst Prof Gastrointestinal Dis

12M F FOWLER DVM Assoc Prof and Assoc Vet 12J RGILLESPIE DVM PhD Assoc Prof and Assoc Vet Cardiopulmonary and Physiol

1I G GOURLEY DVM PnD Assoc Prof

IC F GRAYSON MD Lect in Radiol

1A G HENDRICKX Lect

12C A HJERPE DVM Assec Prof and Assec Vet

12T A HOLLIDAY DVM PhD Assoc Prof and Assoc Vet

12J A HOWARTH DVM PhD Prof and Vet and Reprod and Enteric and Pseudorabies Viruses

12J P HUGHES DVM. Prof and Vet and Equine Reprod

12J W KENDRICK DVM PnD Prof and Vet and Reprod

1H D KNIGHT DVM PhD Asst Prof

1R L LEIGHTON DVM Prof Med and Small Anim Surg

1G V LING DVM Asst Prof

12BLAINE McGOWAN Jr DVM Prof and Vet

ID M MEAGHER DVM PnD Asst Prof

1J P MORGAN DVM Prof Vet Radiol

1Mrs VICKI G NELSON DVM Lect

1T R O'BRIEN DVM PhD Asst Prof

12W R PRITCHARD DVM PhD JD Prof and Vet

1R D SCHECHTER DVM Asst Prof Small Anim Med

12G H STABENFELDT DVM PhD Assoc Prof

1A A STANDARD EVM Actq Asst Prof 1P F SUTER DVM PhD Assoc Prof

12B C TFNNANT DVM Assoc Prof and Assoc Vet Int Med and Gastroenterol

12G H THEILEN DVM Prof and Vet

1J D WHEAT DVM Prof and Vet Large Anim Surg

1ALIDA P WIND DVM Lect Small Anim Surg

EPIDEMIOLOGY AND PREVENTIVE MEDICINE

1C W SCHWABE DVM ScD Prof Epidemiol and Chmn of Dept (916-752-1378)

12H E ADLER DVM PhD Prof and Vet

12R A BANKOWSKI DVM PhD Prof and Vet

12J B ENRIGHT PhD Prof and Microbiol

1C EFRANTI PhD Asst Prof and Asst Biostatis 1CONSTANTIN GENIGEORGIS DVM PnD Asst Prof in Res

1JOYCE E GOGGIN DVM MPH Asst Prof and Asst Epidemiol

1D R HARLOW PhD Asst Prof and Res Parasitol

1L J NEURAUTER DVM Lect
12L G RAGGI DVM PhD Prof and Vet

12H P RIEMANN DVM PhD Prof and Microbiol
12W W SADLER DVM MPH Prof and Vet

1A D WIGGINS PhD Asst Prof

12RICHARD YAMAMOTO PhD Prof and Microbiol

PATHOLOGY

1D L DUNGWORTH PnD Prof and Path and Chmn of Dept (916-752-1385)

12D R CORDY DVM PhD Prof and Path

1D H GRIBBLE DVM Lect

12P C KENNEDY DVM PhD Prof and Path

124J E MOULTON DVM PhD Prof and Path

1B I OSBURN DVM PhD Assoc Prof 1R R PCOL DVM PhD Asst Prof

PHYSIOLOGICAL SCIENCES

1A L BLACK PhD Prof and Biochem and Chmn of Dept (916-752-1373)

1V W BURNS PhD Assoc Pref and Assoc Biophys
1L K BUSTAD DVM PhD Prof Radiobiol and Dir of Radiobiol Lab

1G M CONZELMAN PhD Asst Prof

1D L CURRY PnD Asst Prof

1R A FREEDLAND PnD Prof and Biochem

1S N GIRI PhD Asst Prof 1MARY F GUEST PhD Asst Prof

1R J HANSEN PnD Asst Prof

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Veterinary Medicine, School of-Continued

1A A HEUSNER PhD Assoc Prof Physiol

14L W HOLM PhD Prof and Physiol

12H R PARKER DVM PhD Assoc Prof and Assoc Physiol

12S A PEOPLES MD Prof Compar Pharmacol

12C R ROGERS PhD Assoc Prof and Biochem
1R E SMITH PhD Prof Physiol

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12E L BIBERSTEIN DVM PhD Prof and Microbiol and Chmn of Dept (916-752-1400)

12N F BAKER DVM PhD Prof and Parasitol

1H S CAMERON DVM PhD Prof Emeritus and Microbiol

12 I R DOUGLAS PhD Prof and Parasitol

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12D G McKERCHER DVM PhD Prof and Virol

1MARGARETE MEYER PhD Lect and Microbiol

12J W CSEBOLD DVM PhD Prof Micrebiol

1MOSHE SHIFRINE PhD Prof in Res

12CLYDE STORMONT PhD Prof and Serol

12Y C ZEE DVM PhD Assoc Prof and Assoc Microbiol

Los Angeles 90024

1180

12V T STOUTEMYER PhD Assoc Dir of Sta (PO Los Angeles Tel Area Code 213-825-3163)

Agricultural Sciences

1182

12V T STOUTEMYER PhD Prof Ornam Hort and Chmn of Dept

12WALTER EBELING PhD Prof Ent 2R J PENCE Spec Expt Sta Ent

2R E WAGNER Assoc Spec Expt Sta Ent

12ARTHUR WALLACE PhD Prof Plant Nutr

Riverside 92502 (Main tel 714-787-1012)

1185

12W M DUGGER Jr PhD Dean of Col of Bio-Agr Sci (714-787-3101)

12N T COLEMAN PhD Assoc Dean Col of Bio-Agr Sci (714-787-3103)

12B E DAY PhD Assoc Dir of Citrus Res Center and Sta (714-787-3106)

Biochemistry 1250

12R T WEDDING PhD Prof and Biochem and Chmn of Dept (714-787-4227)

12M F DUNN PhD Asst Prof and Asst Biochem

124I L EAKS PhD Lect and Plant Physiol

12L C ERICKSON PhD Prof of Bot and Plant Physiol

12C E FURLONG Jr PhD Asst Prof and Asst Biochem

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12J B MUDD PhD Prof and Biochem

12E A G NOLTMANN PhD Prof and Biochem

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12W B SINCLAIR PhD Prof and Biochem Emer

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Entomology

1270

12H T REYNOLDS PhD Prof and Ent and Chmn of Dept (714-787-5831)

DIVISION OF BIOLOGICAL CONTROL

12E C BAY PhD Assoc Prof and Assoc Ent and Head of Div

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12P H DeBACH PhD Prof and Ent 2T W FISHER PhD Spec Expt Sta

12S E FLANDERS PhD Prof and Ent Emer

Entomology-Continued

12C A FLESCHNER PhD Prof and Ent

12R D GOEDEN PhD Asst Prof and Asst Ent

12DANIEL GONZALEZ PhD Lect and Asst Ent

12I M HALL Jr PhD Prof of Ins Path and Ins Path

2M E IRWIN BS Asst Spec in Expt Sta

12E F LEGNER PhD Assoc Prof and Assoc Ent

12 J A McMURTRY PhD Lect and Assoc Ent

124E R OATMAN PhD Lect and Assoc Ent 12E L REEVES PhD Lect and Asst Ins Path

2P H TIMBERLAKE AM Assoc Ent Emer

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12F A GUNTHER PhD Prof and Chem

2R L HALE BS Assoc Spec Expt Sta 12L R JEPPSON PhD Lect and Ent

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12T A MILLER PhD Asst Prof and Asst Ent

12H H SHOREY PhD Prof and Ent

Life Sciences

1295

IF C VASEK PhD Prof of Bot and Chmn of Dept (714-787-5901)

1W L BELSER Jr PhD Assoc Prof of Microbiol

14C R BOVELL PhD Prof of Microbiol

1L H CARPELAN PhD Assoc Prof of Biol

1K W COOPER PhD Prof of Biol

25Mrs RUTH COOPER PhD Res Assoc

12W M DUGGER Jr PhD Prof of Bot and Bot

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12R L HEATH PhD Asst Prof and Asst Biol

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IJ A MOORE PhD Prof of Biol

1RL MORETTI PhD Asst Prof of Biol

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1E T PENGELLEY PhD Assoc Prof of Biol 1TIMOTHY PROUT PhD Prof of Zool

IRODOLFO RUIBAL PhD Prof of Zool

II W SHERMAN PhD Prof of Zool

1V H SHOEMAKER PhD Assoc Prof of Zool

2L P TEVIS Jr AB Assoc Spec Expt Sta

12W W THOMSON PhD Assoc Prof of Biol and Assoc Biol

1295-1330 CALIFORNIA

Life Sciences—Continued

12I P TING PhD Assoc Prof of Biol and Assoc Plant Physiol

Nematology

12S A SHER PhD Prof and Nematol and Chmn of Dept (714-787-4435)

12R C BAINES PhD Lect and Nematol 12C E CASTRO PhD Prof and Chem

12REINHOLD MANKAU PhD Assoc Prof and Assoc Nematol

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12I J THOMASON PhD Prof and Nematol

12S D VAN GUNDY PhD Prof and Nematol and Assoc Dean for Res (Grad Div)

Plant Pathology

12G A ZENTMYER PhD Prof and Plant Path and Chmn of Dept (714-787-4115)

1310

12J G BALD PhD Prof and Plant Path

12SALOMON BARTNICKI-GARCIA PhD Assoc Prof and Assoc Microbiol

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2T A DeWOLFE MS Spec Expt Sta

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12R M ENDO PhD Assoc Prof and Assoc Plant Path 12D C ERWIN PhD Prof and Plant Path 12D J GUMPF PhD Asst Prof and Plant Path

25G H KALOOSTIAN MS Assoc Expt Sta

12N T KEEN MS Asst Prof and Asst Plant Path

12L J KLOTZ PhD Prof and Plant Path Emer

12M J KOLBEZEN PhD Lect and Chem

12J V LEARY PhD Asst Prof and Asst Plant Path 2P R MILLER PhD Assoc Expt Sta (Forest Serv)

12D E MUNNECKE PhD Prof and Plant Path

123A O PAULUS PhD Lect and Assoc Expt Sta

12HENRY SCHNEIDER PhD Lect and Plant Path

12J J SIMS PhD Assoc Prof and Assoc Chem
12P H TSAO PhD Prof and Plant Path
2Mrs PAMELA W TSAO MS Assoc Expt Sta

12J M WALLACE PhD Prof and Plant Path Emer

12L G WEATHERS PhD Prof and Plant Path

25N S WILSON MS Assoc Expt Sta

Plant Sciences 1315

12R K SOOST PhD Prof and Genet and Chmn of Dept (714-787-4413)

25A R BERG PhD Assoc Expt Sta (For Serv)2B O BERGH PhD Spec Expt Sta

ILEON BERNSTEIN PhD Prof of Plant Physiol in Residence

12W L BERRY PhD Asst Prof of Plant Physiol and Asst Plant Physiol

12W P BITTERS PhD Prof of Hort and Hort

2B S BOSWELL BS Spec Expt Sta
2R F BREWER PhD Assoc Hort
12J W CAMERON PhD Prof of Hort and Genet
124G H CANNELL PhD Prof of Veg Crops and Soil Phys
12C W COGGINS Jr PhD Lect and Plant Physiol

12I J CONDIT PhD Prof and Hort Emeritus

12B E DAY PhD Prof of Hort Sci and Plant Physiol
2J M DODGE BS Assoc Expt Sta (Calif For)

12T W EMBLETON PhD Lect and Hort

25J R FURR PhD Assoc Expt Sta

12J R GOODIN PhD Lect and Assoc Spec Expt Sta

25L RGREEN MS Assoc Expt Sta (For Serv)

25W O GRIESEL PhD Assoc Expt Sta

2H Z HIELDBA Spec Expt Sta 2W H ISOM PhD Assoc Expt Sta

12B L JOHNSON PhD Prof of Genet and Genet

12W W JONES PhD Prof of Hort Sci and Hort 12L S JORDAN PhD Prof of Hort Sci and Plant Physiol

12M RKAUFMANN PhD Asst Prof of Plant Physiol and Asst Plant Physiol

12J D KIRKPATRICK PhD Lect and Assoc Hort

12JUNJI KUMAMOTO PhD Lect and Assoc Chem
12C K LABANAUSKAS PhD Prof of Hort Sci and Hort

Plant Sciences-Continued

12J W LESLEY PhD Prof and Gen Emeritus

2Mrs MARGARET M LESLEY PhD Assoc Expt Sta

12L N LEWIS PhD Assoc Prof of Hort Sci and Assoc

124L F LIPPERT PhD Assoc Prof of Veg Crops and Assoc Oler

20 D McCOY BS Assoc Spec Expt Sta 2P W MOORE BS Spec Expt Sta

12TOSHIO MURASHIGE PhD Assoc Prof of Hort Sci and Assoc Plant Physiol

2E M NAUER BS Spec Expt Sta
25E A NORD PhD Assoc Expt Sta (For Serv)
2R L PALMER MS Assoc Spec Expt Sta

12WALTER REUTHER PhD Prof of Hort Sci and Hort

25B J ROGERS PhD Assoc Expt Sta

2M J SCHROEDER BA Assoc Expt Sta

12R W SCORA PhD Assoc Prof of Hort and Assoc Bot

120 E SMITH PhD Assoc Prof of Plant Physiol and Assoc Plant Physiol

12R J SMITH PhD Prof of Agr Econ and Agr Econ

12W B STOREY PhD Prof of Hort Sci and Hort
12J A SWADER PhD Asst Prof of Plant Physiol and Asst Plant Physiol

2F H TAKATORI MS Spec Expt Sta

120 C TAYLOR PhD Lect and Hort (APRC)

25C C WILSON MS Assoc Expt Sta (For Serv)

12D M YERMANOS PhD Assoc Prof of Agron and Assoc Agron

12R E YOUNG PhD Assoc Prof of Agron and Assoc Biochem

12V B YOUNGNER PhD Prof of Agron and Agron

1320

Soil Science and Agricultural Engineering

12P F PRATT PhD Prof of Soil Sci and Chem and Chmn of Dept (714-787-5102)

12F T BINGHAM PhD Prof of Soil Sci and Chem

1C A BOWL'P PhD Prof of Soil Sci in Residence

2G R BRADFORD MS Spec Expt Sta

2R F BREWER PhD Assoc Chem

25G K BROWN MS Assoc Expt Sta 25P F BURKNER MS Assoc Expt Sta

12H D CHAPMAN PhD Prof and Chem Emer

25J H CHESSON MS Assoc Expt Sta

12N T COLEMAN PhD Prof of Soil Sci and Chem (Dir P L Boyd Des R**e**s Cen)

25STERLING DAVIS MS Assoc Expt Sta

2F M.EATON PhD Assoc Expt Sta

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12D D FOCHT PhD Asst Prof of Soil Microbiol and Asst Soil Microbiol

1W A HALL PhD Prof of Agr Eng (Dir Dry Lands Res Cen)

12JOHN LETEY Jr PhD Prot of Soil Phys and Soil Phys

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12J J OERTLI PhD Prof of Soil Sci and Soil Sci 12A L PAGE PhD Assoc Prof of Soil Sci and Assoc Chem

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12R L PERRY BS Prof of Agr Engin and Agric

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25W W WOLF MS Assoc Expt Sta

Statistics 1330

1FLORENCE N DAVID PhD Prof and Chmn of Dept (714-787-3774)

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12M J GARBER PhD Prof and Biomet (Dir Computer Center)

Research

2L J ASHWORTH Jr PhD Assoc Plant Path

Statistics-Continued

12DATTAPRABHAKAR GOKHALE PhD Asst Prof and

1357

ASSI SIGITS	ZH E BREWER PRO ASSOC Cheir.
123T M LITTLE PhD Lect and Agr (Agr Ext Serv)	2A B CARLTON MS Soils Spec
12HELEN M. MARCUS PhD Asst Prof and Asst Status	2R L DOUTT PhD LLB Prof Parasitic Hymenoptera
12G L ZAHN PhD Actg Asst Prof and Actg Asst Statis	2HS ELMER MS Spec Ent
TEG E ZMIN I ME Trend Tibble I for dim ricing ribble blacks	
	21 W GRIMES PhD Asst Water Sci Irrig Mat
Extension Service (Agr) 1340	2 C O HESSE PhD Pomol Prof Genet Fruit Bidg
3H % CCHWALM BS Asst State Dir	2 R E PICE PhD Asst Ent
3A D AULENBACHER MS 4-H Club-Youtn Spec	2C G SUMMERS PhD Asst Ent
3R M BOARDMAN BA Ext Inform Spec	
	5 · · · · · · · · · · · · · · · · · · ·
3W A BOWEN MS Ext Ent	Extension Service (Agr) 1358
3R L BRANSON PhD Ext Soils and Water Spec	3 J V PAT l'EESON RJ - Asst State Dir
3J V CHAMBERS MA Ext Visual Spec	3 F K ALJIBURY PhD Area Tech
3A S DEAL PLU Ext Ent	3J E DIBBLE PhD Ext Ent
3WC:AIRBANK BS Ext Agr Engin	3D EL JOHNSON PhD - Ext Plant New atol
3TOKUJI FURUTA PhD Ext Cream Hort	3 K W OPITZ ES - Ext Subtropleal Hort
3V A GIBEAULT BS Ext Turf and Land Hort	3H E PFOST MS - Área Farm Ádv
3W PISOM PhD Ext Agron	3J P SCHRCEDER BS Area Farm Adv
3HUVITK JOHNSON Jr MS Ext Veg Crops Spec	3K F TYLER Pal Ext Vey Crops Spec
3 A H LANGE PhD Ext Weed Control Spec	3 F A YEARY BS Farm Adv-Statewide
3T M LITTLE PhD Ext Biomet	
3A W MARSH PhD Ext Imag and Soils Spec	
3C D McCARTY BA Ext Hort Technol	Humboldt State College, Arcata 95521 (Main tel 707-826-3711)
3A C PAULUS PhD Ext Plant Path	1College Staff 9A-TR, M-S Program
3R G PLATT BS - Uxt Subtropical Hort	
3J L RALEWALD PnD Ext Plant Nematol	1360
3J M RIBLE PhD Ext Technol	ICH SIEMENS PhD Pres of College (707-825-3311)
3R C ROUK PhD Ext Econ	
	1D M DOBKIN PaD Vice Pres for Academic Affairs
3M H SWANSON Ph.) Ext Poultry Spec	(707-826-3722)
3 A WOCE Jr PhD Ext Econ	1W F MURISON PhD Dean for Public Services (707-
	826-3711)
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Agricultural Field Stations (UC Davis 95616)	Forest Management 1364
2 J L MYLER MS Spec Expt Sta and Dir 916-752-0126	19E W PICRSON MF Frot For Myt
2 E P SPECK BS Spec Expt Sta and Assoc Dir 916-75 2-	1D L ADAMS PnD Asst Prof For Mensur
0126	10 H HANGEN MEN. As st. Pro: For Mg:
2 K F GREENE MBA Spec and Engir 916-752-0126	
	TRIA HURSEY MC Asst Prof Wood Tech
Deciduous Fruit (125 N Winchester Blvd San Jose 95128)	IG LEARTAINME Prof For Econ
2T M KRETCHUN BS Assoc Spec Expt Sta and Supt	1L A POWELL ME Asst Prof For Mar
4C8-296-1672	1F ROBINSON MF Asst Prof For Engin
Hopland (Rt. 1 Box 53 Hopland 95449)	1R B JUBLEY MI Asst Prof For Mgt
2A H MURPHY BS Spec Expt Sta and Supt 1707-744-	1W R SISE PhD Asst Prof For Mgt
2701	ID A THORNBURGH PhD Assoc Prof Silvic
Imperial Valley (1004 E Holton Rd El Centro 92243)	ICSYEE MF Instr For Engin
2G F WORKER Jr MS Spec Expt Sta and Supt 714-356-	·
2175	Range Management 1365
	- · · · · · · · · · · · · · · · · · · ·
Kearney Horticultural (9240 S Riverbend Ave Parlier 93648)	IR B TURNER PhD Asst Prof Range Mat
2F R CODDINGTON BS Assoc Spec Expt Sta and Supt	
209-646-2794	Wildlife Management 1366
Lindcove (22963 Carson Ave Exeter 93221)	13 E GENELLY PhD Prof Wildlife Mat
2R D COPELAND MS Assoc Spec Expt Sta and Supt	
	1S W HARRIS PhD Prof Wildlife Mgt and Coord of Wild-
209-592-2408	life Mgt
Sierra Focthill Range (PO Box 28 Browns Valley 95918)	1A S MOSSMAN PhD Asst Prof Wildlife Mgt
2J P GUILD BS Assoc Spec Expt Sta and Supt 916-639-	13 R KOPLIN PhD Asst Prof Wildlife Mat
2306	15 Trivot Elivinis - Assertion midite 3.90
	M. IB Gu
South Coust (7601 Irvine Blvd Santa Ana 92705)	Natural Resources - Sails 1368
2 D F MILLEN Spec Expt Sta and Supt 714-544-2050	1M B RHEA PhD Prof Soils
Tulelake (PO Box 477 Tulelake 96134)	1D L HAUXWELL PhD Asst Prof Soils
2Y P PURI PhD Assoc Spec Expt Sta and Supt 916-	
667-5117	
West Side (PO Box 158 Five Points 93624)	
2R M HCCVERMS Spec Expt Sta and Supt 209-884-	COLORADO
2411	
2 B J HOYLE MS Spec Expt Sta 209-884-2411	The Colleges of Assigning 1 Saint Tour
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Departmental Field Stations 1355	
	Medicine and Biomedical Sciences, the Agricultural Experi-
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1356

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- 5C V COLE PhD Fac Affil Soil Sci Soil Chem
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- 8B C CURTIS PhD Fac Affil Wheat Brdg Hybrid Wheat
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- 12R D HEIL MS Asst Prof Soil Genesis Classif and Surv
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1375

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123J N GILL BA Commissioner State Dept Agr and		2W L BIEHN PhD Asst Plant Path	
Natural Resources		2J G HORSFALL PhD Plant Path	
2MELVIN HORWITZ MD Surgeon Manchester Conn		2R J LUKENS PhD Plant Path	
		2P M MILLER PhD Nematol	
2J L LAMBERT BSA Res Asst Poultry Husb		2SAUL RICH PhD Senior Plant Path	
5T P LITWIN Admin Agr Stabil and Conserv Serv		2D C SANDS PhD Asst Plant Path	
12J J LUCAS PhD Prof Agr Blomet			
W H MARTIN EdD Prof Agr Educ		2HARLEY TOMLINSON PhD Asst Plant Path	
1J P McDONALD MSLS Libr		2G S WALTON PhD Assoc Plant Path Diagnosis	
12W N SARGENT BS Univ Farm Supt		2MILTON ZUCKER PhD Plant Physiol	
2F F SCHAFFER MA Supt Spring Manor Farm			
5N P TEDROW BS Adminr Soil Conserv Serv		Soil and Water	1770
2ROBERT TENNANT MD Path Hartford Hospital		2 C R I'RINK PhD Head of Dept	
		2D E HILL PhD Assoc Soil Sci	
		2W A NORVELL PhD Asst Soil Chem	
The Connecticut Agricultural Experiment Station,		2B L SAWHNEY PhD Assoc Soil Chem	
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		Substation	1780
2Station Staff 9A-TR, M-S Program		Valley Lab (PO Box 248 Windsor 06095) 203-688-3647	
·		2G S TAYLOR PhD Asst to Dir in Chg	
	1700	2J F AHRENS PhD Plant Physiol	
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2J GORDON HANNA BS Head of Dept		of the University of Delaware, Newark, Delaware 1971	1
2R A BOTSFORD BS Assoc Chem		(Main tel 302-738-2000)	
2H J FISHER PhD Chem Emeritus			
2Mrs MARTHA FUZESIMS Asst Chem		1College Staff 2Station Staff 3Extension Staff	
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13! L WEBB MS Asst Prof and Agr Ed 23Mrs LORRAINE KINGDON BS Asst Agr Ed 23R W WILLS BS Asst Agr Ed Education	1835	12C W DUNHAM PhD Assoc Prof Flor and Omam 12D J FIELDHOUSE PhD Assoc Prof Veg Crops 12V J FISHER PhD Assoc Prof Pomol 123J W HEUBERGER PhD Prof Fruit Dis Fungi 12W C LIEBHARDT PhD Asst Prof Crops Spec 12R W LIGHTY PhD Asst Prof Ornam Hort	
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121. F Krilshy PhD Assoc Prof 2R W LAKE MS Res Assoc 5J T LINEHAN USDI Biol 3J S McDANIEL BS Agr Chem Spec and Res Asst		Miscellaneous 1Mrs KATHERINE WOOD MA Libr	20
2F J MURPHEY PhD Asst Prof	1860	Substa (Georgetown Del) 23J F GORDY BS Dir 2G W CHALOUPKA BS Res Assoc 2J C WINDSOP BS Farm Mgr 2R M MONTGOMERY DVM Poultry Path 2E L WISK MS Res Assoc	30
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25J L PEARSON MS Asst Prof (Asst Agr Econ)

12LEONIDAS POLOPOLUS PhD Prof (Agr Econ)
12A A PRATO PhD Asst Prof (Asst Agr Econ)

2F J PROCHASKA PhD Asst Prof (Asst Agr Econ)

12J E REYNOLDS PhD Asst Prof (Asst Agr Econ) 2GN ROSE BS Assoc Prof (Assoc Agr Econ)

3S E ROSENBERGER PhD Prof (Mktg Spec)

12C N SMITH PhD Prof (Agr Econ)

3WH SMITH MS Assoc Prof (Assoc Agr Econ)

2A H SPURLOCK MSA Prof (Agr Econ)

12F H TYNER Jr PhD Assoc Prof (Assoc Agr Econ)

2R W WARD PhD Asst Prof (Asst Agr Econ) Fla Dept of Citrus

Agricultural Engineering

2010

123E T SMERDON PhD Prof Agr Engin and Chmn of Dept (904-392-1864)

2L O BAGNALL PhD Asst Prof and Asst Aar Engin Agr Mach

2C D BAIRD MSAE Res Instr Water Mgt and Agr Proc

3L B BALDWIN MSA Asst Prof Air Pollution

25E K BOWMAN BS Assoc Indus Engin Citrus and Veg Handling

12R E CHOATE MSA Prof and Agr Engin Water Mgt

3R P CROMWELL ME Asst Agr Engin Agr Mach

3L M CURTIS MS Asst Prof Pesticides
12R C FLUCK PhD Assoc Prof and Assoc Agr Engin Agr Structures and Syst

25J J GAFFNEY MSAE Asst in Agr Engin Citrus and Veg Handling

3D S HARRISON MSA Agr Engin Water Mgt

25F E HENRY BIE Asst Indus Engin Citrus and Veg Handling

2D T KINARD PhD Prof and Agr Engin Elec Power and Proc

12J M MYERS MSA Prof and Agr Engin Water Mgt

12R A NORDSTEDT Asst Prof and Asst Agr Engin Waste Mgt

2A R OVERMAN Asst Prof and Asst Agr Engin Water Mgt

3A M FETTIS MSA Assoc Agr Engin Farm Elec Safety

1C J ROCERS MAgr Asst Prof Agr Engin Agr Mech 25S J ROGERS PhD Agr Engin Soil and Water Mgt

12L N SHAW PhD Asst Prof and Asst Agr Engin Farm Mach

3T C SKINNER MAgr. Agr Engin Agr Structures

2020 Agronomy

123D E McCLOUD PhD Prof and Chmn of Dept (904-392-1811)

2F T BOYD PhD Prof Forage Crop Mgt

2FRED CLARK MSA Prof Flue Cured Tobacco 3W L CURREY PhD Asst Prof Weed Sci

12J R EDWARDSON PhD Prof Cytogenet

3C E FREEMAN MS Asst Prof Sugarcane 2L A GARRARD PhD Res Assoc Plant Physiol

2W W HANNA PhD Asst Prof Forage Crop Genetics 25KUELL HINSON PhD Assoc Prof Soybeans Genet

12E S HCRNER PhD Prof Corn Clover Genet

3J T JOHNSON PhD Asst Prof Crop Mat

3D W JONES MSA Assoc Prof Forage Crop Mgt 2G B KILLINGER Pr.D Prof New Crops

25E B KNIPLING PhD Asst Prof Plant Physicl
2A E C McINTYRE BS Asst Prof and Mar Seed Fdn

12GO MOTT PhD Prof Forage Crop Mgt

12A J NORDEN PhD Assoc Prof Peanuts Genet

2C B OWEN PhD Prof Agron Fla A&M Univ Tallahassee 2P L PFAHLER PhD Assoc Prof Small Grains Com Genet

2G M PRINE PhD Assec Prof Field Crop Ecol

12E G RODGERS PhD Prof Weed Sci 12O C RUELKE PhD Prof Forage Crop Ecol

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Agronomy - Continued

12S C SCHANK PhD Assoc Prof Forage Crop Genet 12V N SCHRODER PhD Assoc Pref Crop Nutr

2R L SMITH Asst Prof Forage Crop Genet

25H E WARMKE PhD Prof Cytogenet

25S H WEST PhD Prof Physiol Forage Crops 3E B WHITTY PhD Asst Prof Field Crop Mgt 12MERRILL WILCOX PhD Assoc Prof Weed Sci

2030 **Animal Science**

123T J CUNHA PhD Prof Anim Nutr and Chmn of Dept 12C B AMMERMAN PhD Assoc Prof and Assoc Anim Nutr

12L R ARRINGTON PhD Prof and Anim Nutr

12F W BAZER PhD Asst Prof and Asst Anim Physiol

4J W CARPENTER PhD Assoc Prof and Assoc Meat

12W C CHRISTIANSEN PhD Assoc Prof and Assoc Anim Nutr

12G E COMBS PhD Prof and Anim Nutr 2G K DAVIS PhD Anim Nutr Dir Biol Sa

3K L DURRANCE MAGE Assoc Anim Husb

2J F EASLEY MS Asst Anim Nutr

12J P FEASTER PhD Prof and Blocker.

12D E FRANKE PhD Asst Prof and Asst Anim Genet

12J C GLENN Ass∞ Prof and Assoc Anin. Physiol

12J F HENTGES Jr PhD Prof and Anim Nutr

3B G JACKSON PhD Asst Anim Husb

12D E KOCH PhD Interim Asst Prof and Asst Meat Sci

12MARVIN KOGER PhD Prof and Anim Genet

12P E LOGGINS MS Assoc Prof and Assoc Anim Husb

12J E MOORE PhD Assoc Prof and Assoc Anim Nutr

12E A OTT PhD Assoc Prof and Assoc Anim Nutr 3J E PACE MSA Anim Husb

12A Z PALMER PhD Prof and Meat Sci 3R L REDDISH PhD Assoc Meat Sci

12R L SHIRLEY PhD Prof and Anim Nutr

12D L WAKEMAN MSA Assoc Prof and Assoc Anim Husb
12H D WALLACE PhD Prof and Anim Nutr

12A C WARNICK PhD Prof and Anim Physiol

2040 Becteriology

1M E TYLER PhD Prof of Bact and Chmn Dept Marine Bact (904-392-1906)

1A S BLEIWEIS PhD Asst Prof Bact Bact Physiol 6D E DUGGAN PhD Assoc Prof Bact Microbial Proc

1E M HOFFMANN PhD Asst Prof Bact Immunol

1D S NASSER PhD Asst Prof Bact Microbial Proc

6E P PREVIC PhD Asst Prof Bact Bact Metabolism 11 F PRESTON PhD Asst Prof Bact Microbial Proc

2050

12LELAND SHANOR PhD Prof Bot and Chmn of Dept (904-392-1894)

1H C ALDRICH PhD Asst Prof Bot 12D S ANTHONY PhD Assoc Prof and Assoc Biochem

1J S DAVIS PhD Asst Prof Bot

1E S FORD PhD Prof Bot

12G J FRITZ PhD Assoc Prof and Assoc Plant Physiol

1D G GRIFFIN PhD Asst Prof Biol Sci and Bot 1M M GRIFFITH PhD Prof Biol Sci and Prof Bot

12T E HUMPHREYS PhD Prof and Brochem

12J W KIMBROUGH PhD Asst Prof Bot and Asst Mycol

1A E LUGO PhD Asst Prof Bot

1J T MULLINS PhD Assoc Prof Biol Sci and Bot

1D C RIFE PhD Assoc Prof Bot 1R C SMITH PhD Asst Prof Bot

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Dairy Science 2060

12E L FOUTS PhD Prof Dairy Tech Dairy Prod(s) (904-392-19811

3BARNEY HARRIS Jr PhD Assoc Prof and Assoc Dairyman

12H H HEAD PhD Asst Prof and Asst Physiol

12W A KRIENKE MS Assoc Prof and Assoc Dairy Tech Dairy Prod

Dairy Science-Continued

3C B LANE Jr PhD Assec Prof and A. Joe Dairy Teen Dairy Prod

12S P MARSHALL PhD Prof and Nutr 12L E MULL PhD Prof and Microbi 17 my Prod

3C W REAVES MSA Prot and Dairyn an:

12K L SMITH PhD Assoc Prof Bact and Assoc Microbiol

12W WITHATCHER PhD Asst Prof and Asst Repro PhysioI

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(PC Chipley,
12C J WILCOX PhD Assoc Prof and Assoc Genet

12J M WING PhD Prof and Dairy Husb

Editorial 23M H SHARPE PhD Ed and Chmn of Dept (904-392-1771)

3D L BUCK BS Asst Commun Spec

23K B MEURLOTT MAJ Asst Ed

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2MARY C WILLIAMS MS Asst Ed

2C T WOODS Jr MA Asst Ed

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Entomology and Nematology

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12F S BLANTON PhD Prof Ent Med

3J E BROGDON MAgr Ent Veg

15WA BRUCE PhD Res Assoc Ent Physical 12J FBUTLER PhD Asst Prof Livestock

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12W T CALAWAY MS Asst Prof Nematel

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16R P ESSER BS Instr Ent Nematol 16A G FAIRCHILD PhD Prof Ent Mea (Gorgas Lab)

15I H GILBERT PhD Prof Ent Med

15H K GOUCK MS Asst Prof Ent Med

12D H HABEICK PhD Assoc Prof Ent V of Inc. In a stures

3J D HAYNIE BSA Apic Dis and Quality

12L A HETRICK PhD Prof Ent For Inc.

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17K R LANGDON PnD Asst Prof Ent Neirat 4

1F A LEE MA Supvr Pest Control

15W J LEWIS PhD Ent Ins Biocontrol

15D A LINDQUIST PhD Prof Econ Ent 12J ELLOYD PhD Asst Prot Ent Eccl

15C F LOFGREN PhD Asst Prof Ent Med

15RONALD LOWE PhD Asst Prof Ent Med

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15M S MAYER PhD Asst Prof Ent Physiol

17F W MEAD MS Asst Prof Ent Tuxon

15E P MERKEL BS Instr Ent Fer 15P B MORGAN PhD Prof Ent Med

15G A MOUNT PhD Asst Prof Ent Med

12MILLEDGE MURPHEY PhD From Ent Lat Ver Apic

12J L NATION PhD Assoc Prot Ent Physical

15J H O'BANNON PhD Acros Prof Newatol

15R S PATTERSON PhD Asst Prof Ent Med

12VG PERRY PhD Prof Nematol

12W L PETERS PhD Asst Prof Ent Taxon
12F A ROBINSON MS Assoc Prof and Assoc Apic Honey Prod and Pollination

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15D L SILHACKE PhD Asst Prof Ins Ptysool 12G C SMART Jr PhD Assoc Nemarol Luri

12W W SMITH PhD Assoc Prof Ent Med

2090

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Entomology and Nematology-Continued	Forestry-Continued
15B J SMITTLE PhD Assoc Prof Ent Med	12R E GODDARD PhD Assoc Prof and Assoc For Genet
3J RSTRAYER MAgr Asst Ext Ent Pesticides	1V L HARPER PhD Prof For
15T E SUMMERS PhD Assoc Prof Ent	3T G HERNDON MSF Assoc Farm For 12J B HUFFMAN DF Assoc Prof and Assoc Wood Technol
12R E WAITES PhD Assoc Prof Ent Nutr 12T J WALKER PhD Prof Ent Orthoptera	3A S JENSEN MSF Asst Farm For
17H V WEEMS PhD Prof Ent Taxon	12C M KAUFMAN PhD Prof and For Silvic
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1M J WESTFALL PhD Assoc Ent Odonata	12D M POST MSF Asst Prof and Asst For
12W H WHITCOMB PhD Prof Biocontrol	12R A SCHMIDT PhD Asst Prof and Asst For Path
12R C WILKINSON PhD Assoc Prof and Assoc Ent Bark	12W H SMITH PhD Asst Prof and Asst For Nutr
Beetles and Sawflies	12R G STANLEY PhD Prof and For Physiol
15W W WIRTH PhD Prof Ent Taxon	12R K STRICKLAND MSF Int Inst and Int Asst in For
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3CHARLA J BARTSCHT MS Home Mgt and Fam Econ	Fruit Crops 2140
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3PAULINE CALLOWAY PhD Home Econ Prog Devlpmt	3C E ARNOLD PhD Asst Hort
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3CAROLYN J COMBRINK MS Housing and Equip Spec	2D W BUCHANAN PhD Asst Hort Decid Fruit Mgt
3ALTHEA R ENGLE MS Food and Nutr Spec	3C E CROCKER PhD Asst Hort
3CLARA L GIBSON MS Cloth and Text Spec	12J F GERBER PhD Prof and Climatol
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3T C GREENAWALT MAgr Asst State 4-H Club Agt	3F P LAWRENCE MAgr Citric 2R H SHARPE MS Hort Peach Nectarine Blueberry
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3ROBERTA H HALL MS Home Impr Spec	2W B SHERMAN PhD Asst Hort Blackberry Plum Brdg
3MARIE S HAMMER MHE Int Ext Home Econ	12JAMES SOULE PhD Prof and Hort Citrus Handling
3MARY N HARRISON MS Consum Educ Spec	3D P H TUCKER PhD Asst Hort
3GLENDA M HUMPHRIES MSHE Household Equip Spec	3W F WARDOWSKI PhD Asst Hort Citrus Hdlg
3EARL M KELLY MAgr Dist Agt	1W J WILTBANK PhD Asst Prof Citrus Phys
3EMILY KING PhD Ext Home Econ Resource Devlpmt	IL W ZIEGLER PhD Prof Hort Citrus Mgt and Prod
3LORA A KISER BSHE Ext Home Econ Prof Devlpmt	
3RUTH L. MILTON MS Assoc State 4-H Club Agt	International Programs 2145
3VERVIL L MITCHELL MS Home Mgt and Fam	123HUGH POPENOE PhD Dir (904-392-1965)
Econ Spec	123H E PEIRCE PhD Agr Educ Adv 123J E ROSS PhD Asst Dir
3ELIZABETH E MUMM MPH Health Educ Spec	123 E T YORK Jr PhD Prof
3F S PERRY MAgr Dist Agt 3EVELYN A ROOKS MHE Human Devlpmt Spec	
3W H SMITH MAg Dist Agt	Library 2150
3A A STRAUGHN PhD Asst Dir	123A C STRICKLAND MS Assoc Libr in Chg (904-392-
3BETH H WALSH MS Foods Spec	1934)
3YANCEY B WALTERS MHe Home Econ Prog	123ANNE M HUFFMAN MS Asst Libr
3E R WHEATON MAg Dist Agt	123R D IVEY MS Asst Libr
3IZOLA F WILLIAMS MS Asst State Ldr Home Econ	
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Field Services 2110	
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Field Services 2110 2W H JONES Jr MAgr Mtn & Constr Supt IFAS (904-392-1984) Food Science 2120	123JANIE L TYSON Asst Libr 123W B WEAVER MS Asst Libr Ornamental Horticulture 2160 123Vacant Prof Ornam Hort and Chmn of Dept (904-392-1831)
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Field Services 2WH JONES Jr MAgr Mtn & Constr Supt IFAS (904-392-1984) Food Science 123R A DENNISON PhD Prof and Chmn of Dept (904-392-1993) 12E M AHMED PhD Assoc Prof Food Psychophys 12HOWARD APPLEDORF PhD Asst Prof Human Nutr 12R P BATES PhD Asst Prof Food Proc 12R H DOUGHERTY PhD Asst Prof Fruit and Veg Proc 12F W KNAPP PhD Assoc Prof Food Chem 12J A KOBURGER PhD Asst Prof Food Microbiol 3R F MATTHEWS PhD Assoc Prof Food Sci 12V T MENDENHALL PhD Asst Prof Fisheries Prods 12H A MOYE PhD Asst Prof Anal Chem	123JANIE L TYSON Asst Libr 123W B WEAVER MS Asst Libr Ornamental Herticulture 2160 123Vacant Prof Ornam Hort and Chmn of Dept (904-392-1831) 3Vacant Asst Prof Ornam Hort 3C A CONOVER MS Asst Prof Ornam Hort Flor 12R D DICKEY MSA Prof Ornam Hort Nursery 12G C HORN PhD Prof Ornam Hort Turf 12J N JOINER PhD Prof Ornam Hort Flor 3E W McELWEE PhD Prof Ornam Hort Nursery 2S E McFADDEN Jr PhD Asst Prof Ornam Nursery 34H G MEYERS MSA Asst Prof Ornam Hort Turf 12T J SHEEHAN PhD Prof Ornam Hort Flor
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Forest Resources, School of-Continued

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(Atlanta) 5H O YATES PhD Assoc Ent 3R L LIVINGSTON MS Assoc Prof and Head Hort Ext 5H F LORNIG BS Res Arch 2F B PEBBY Mill Instriction 12F A POKORNY PhD Assoc Prof Ornam 12R B RUTLAND PhD Asst Prof Flor Home Economics, School of 2500 IMARY SPEIRS PhD Prof and Dean of Sch (404-542-2551) 3G E SMITH MS Asst Prof Flor 3PHYLIS W ADAMS MS Instribut Home Econ 2DARRELL SPARKS PhD Asst Prof Pecan Physiol 1ELIZABETH ARMSTRONG MS Assoc Prof and Head 3C DISPINEY MS - Asct Prof Formal and Greenhouse of Cloth and Text 12Mrs SUPANNE B BADENHOP MS | Asst Prof Housing 3GORDON GITAYLOR End Asst Prof Ext Hort (PC and Home Mat Titton) Mrs BETTY W BAILEY PhD Assoc Prof Housing and 12J H TINGA PhD Prof Ornam Hort Home Mgt 12H M VINES PhD Prof Post-Harvest Physiol 3NELLIE C BOYT MSHE A. soc Prof Ext Home Econ 1FANNY L BROOKE MS Asst Prof Fam Devlpmt Plant Pathology and Plant Genetics 12W N JARRETT Fhit Assoc Protond Head of Dept and Uhian of Lay (404-42-2771) 3AMANDA J BROWN MA Instr Ext Home I'con 1W O CASTER PhD Prof Nutr 1MARY B CLENDENING MS Asst Prof Housing and 12G W FIRD PhD Asst Prof Nematol 5W A CAMPBELL PhD Res Assoc For Path 3J 1 RANFOH From Aust Frof Ext Plant Path (PO Titton) Home Mat 1Mrs THERRY N DEAL PhD Asst Prof Child Devlpmt 3MARY LOU DIXON MS Instr Ext Hone From 1Mrs DOROTHEA EDWARDS MSHE Asst Prof Housing and 5L D DWINFLL PhD A. . t Prof For Path 12R T HANLIN PhD Assoc Prof Mycol Peanut Home Mgt 12F F HEMI RIX Jr PhD Assoc Prof Peach Ornam Dis 12G M KCZELNICKY MS Asst Prof Turf Dis and Genet 18 C ENDSLEY PhD Assoc Prof Child Devlpmt IJENNIFER FAIRCHILD MS Instritiousing and Home Mat 12.1.4 KUPN PhI Pro: Vitol Peanut Com 123F & LUTTRELL PhD Prof Mycol ISUSAN GARNER MS Instriction and Text 12BARBARA E GREENE PhD Asst Prof Foods and Nutr 1Mrs SAPA E GUNN MHE Instr Child Devlpr t 50 H MARX PhD Asst Prof For Path Mycorrhizge 1Mrs KOBERTA M HAMES MHE Instr Child Tevlpmt 12S M McCAPTER PhD Asst Prof Bact Cotton Dis 3N E McGLOHON FhD Acsoc Prof and Head Txt Plant 1Mrs JANE M HARVEY MEd Instr Cloth and Text ID F HOBBS PhD Assoc Prof Child Devlemt and Fam Lan 12K E PAPA PhD Asst Prof Physiol Genet 12W M POWELL, PhD Assoc Prof Nematol Peach Ornam 5H Her And End Action Frot Funding 12R W BONCADORI PhD Assoc Prof Cotton Dis Devlomt 1SARAH B JENKINS MS Asst Prof Housing and Home Mat 3MARTHA R JOHNSON MS Invit Ext Home Econ 1WYNELLE JOHNSON MS Asst Prof Cloth and Text 5E W ROSS PhD Assoc Prof For Path 53 I HOWAN PhD Assoc Prof For Fath 5J L RUEHLE PhD Assoc Prof For Nematol 2D R KEEFE MS Asst Consum Econ 1K B KING PhD Assoc Prof Fam Devlpmt 1MARTHA LaBOON MS Asst Prof Fam Devlpmt 3LORA M LAINE MSHE Asst Prof Ext Home Econ 12JACK TAYLOR PhD Prof Apple Peach Dis 3S S THOMPSON PhD Asst Prof Ext Plant Path 18 A LEWIS PhD Assoc Prof Fam Devlpmt (P O Tifton) 3RHONWYN LOWRY EdD Assoc Prof Ext Home Econ 12W K WYNN Jr Phf: Assoc Prof Physiol 1WINNIE F LUFFMAN MSHE Asst Prof Cloth and Text 12DORIS E LUKER MHE Instr Housing and Home Mat Poultry Disease Research Center 3MAPGARET L MGINTYRE MSHE. Instr Ext Home Econ 1Mrs CHAPLOTTE M MCNEIL MS Instr Foods 20 P ANDERSON PAD Prof and Dir Poultry Dis Res Ctr (404-542-1904) 12JESSIE J MIZE PhD Prof and Head of Housing and 5C W BEARD DVM PhD Res Assoc Virol 5L N DRURY MS Hes Assoc Electronic 200 EDECT 461 Asst Prof Unit. Home Mat Apsterol Jub. 1RUTH MOORE MS Asst Prof Foods 5C D GORDON PhD Res Assoc Genet 3DORIS M OGLESBY MSHE | Assoc Prof Ext Home Econ 1D K OSBORN PhD Prof Child Devlpmt **5**S R HOPKINS BS Res Assoc Virol 1Mrs LIGAYAP PAGUIC MHE Temp Instr Child Devlomt 28 H KLEUTEN PhD Asst Prof Pointry Microbiol IMES ANNE PARDUE MS Instricted Devlome IMES SUZANNE'S PARKER MHP Instricted Devlome 5E. W. MITCHIELL, Ph.L. Res Assoc Mech. 5W. C. FATTELLON, VMC. Res Assoc and Dir Southeast 1J J PEIFER PhD Assoc Prof Nutr Heis Litt Al ORB ARS Path 464-546-3433) 3NANCY B PREASED Asst Prof Fixt Hime Scon and 2# L HACLAND III Phi - Assoc Prof Res Path 5H S SIEGEL PhD Res Assoc Physiol Asst State Home Econ Ldr 3F ANNETTE BAY MS Instr Ext Home Esen 5J E WILLIAMS DVM PhD Res Assoc Bact 1ELIZABETH T SHEERER PhD Prof and Head of Fam 5H W YODER DVM PhD Res Assoc Bact Devlomt 1PATSY L SKEEN MS Instr Child Devlpmt Poultry Science 1Mrs CAROLYN M SMITH EdD Asst Prof Child Devlpmt 1JOYCE A SPIGELMYER PhD Asst Prof Child Devlpmt 12M G McCARTNEY PhD Prof and Head of Dept and Chinn of Div (404-542-1351) 3NELLE THRASH BSHE Asst Prot Ext Home Econ 3MARY F WHITE MS Instr Ext Home Econ 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 12I L. BPISBIN PhD Asst Prof Ecol 12W M BRITTON PhD Asst Prof Nutr 30 W CHARLES PhD Asst Prof Ext Poultry Sci 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 3M Y DENDY MG - Asst Prof Ext Poultry Sci

Horticulture-Continued

12H M L DWARDS In Phil Prof Neur 12H L DULLER Phil Prof Neur 12K K HALF Phil Acut Inc. Proc

24 CHAPCHBARGER Plant Supvr

1237C H HENDERSHOTT In PhP Profiled of Dept. and

Jhmn of Div (404-542-1471)

2550-2580 GEORGIA

Poultry Science-Continued

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2Mrs JOYCE JOHNSON MS Res Asst Parasitol

- 2P H LOWE MS Plant Supt of Southern Regional Poultry Brda Proi
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2560

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- Anım Chin)
- 1H 3 AH DVM PhD Res Assoc Vet Diag Lab (Tifton)
- IR E BAPRETT EVM Prof Med and Surg (Radiol)
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- 1T J BELL Jr DVM PhD Prof and Head Vet Anat and Histol (ICM)
- 1MADHU B BHALLA MBBS Res Assoc Anat and Histo:
- 1W D BLACK DVM MS Instr Physiol and Pharmacol
 1D M BLACKMON DVM Assoc Prof Vet Med and Surg
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- 1J O BRICK DVM. Asst Prof Med and Sura (Lab Anim Mr.d)
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 7L S DURE PhD. Asst Prof Biochem (ICM)

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- 113 HIBPARE BA Res Assoc Path and Parasitol

Veterinary Medicine, College of-Continued

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- The LEGISTAM MS Free Meaning Jane (Brainer)

 1A LEFT DVM Hes Across Enymetal and Pharmacol
- 1P D LUKERT DVM Phf Assoc Prof Med Microbiol (ICM)
- 1D E McLONALD DVM $\operatorname{PhL}^ \operatorname{Assig}$, can of Vet Col and Inst Compar Med
- 1J P M McGRATH MVB | Rel: Assoc Fath and Parasital
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 1J T MERCER DVM Assoc Prof Vet Med Cont Educ
- 1F E MITCHELL DVM MS Prof and Head Vet Diag Lab Tifton (ICM)
- 1H C MORGAN DVM MS Assoc Prof Vet Path and Parasitol (Clin Path) (ICM)
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- IC J MULKrY DUM Instr Med and Surg (Small Anim
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- 11 M OYLER DVM PhD Asst Prof Prysiol and Pharmaco
- 12H K PAGE DVV MD. Asst Prof Med and Surg (Avian Med)
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- 111 I HOBE HSCN LVM Hes Association and Parasitol
- 71 L ROTH Phl. Assoc Pref Micropict
- 1L T SANGSTER DVM Instr Vet Diag Lab (Tifton)
- 1W I SCHALL DVM MS | Asst Prof Med and Surg (Small Anim Clin)
- 1E B SHOTTS Jr PnD Assoc Prof Mcd Microbiol (ICM)
- 7H E SIEGEL Ph.D Assoc Prof USLA Res Physiol
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 1LFIGH M STEGVILL FVM Res Assoc Anat and Histol
 1P E THOMPSON DVM PhD Prof Path and Parasitol
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- Chn)
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- 1D J WILLIAMS LIVIVIMC Assoc Prof Med and Surg (Large Anim Clin) (ICM)
- 1D M WITHERSPOON DVM PhD Prof Med and Sura
- (Large Anim Clin) (ICM) 1R E WOOLEY DVM PhD Asst Prof Med Microbiol

2570 Miscellaneous 1R E RUSSELL MALS Asst Prof and Sci Libr 1FLORRIE B JACKSON MALS | Asst Prof and Ref Libr

Branch Experiment Stations

- Americus Plant Materials Center (PO Americus 31709) 2J D POWELL BS Supt and Asst Prof Agron Ga Mt Br Sta (PO Blairsville 30512)
 - 2) E BAILEY BS Supt and Prof Hort Vea Crops

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D. J. E. J. J. St. J. B. J. J.	
Branch Experiment Stations—Continued	Entomology-Fisheries 2640
2J W DOBSON Jr MS - Asst Prof Agron Forage Crops 2C D FISHER MS - Asst Prof Agron Forage Crops	12T D CANERDAY PhD Assoc Prof and Head of Dept
Northwest Ga Br Sta (PO Calhoun 30701)	25D J BARRAS PhD Ent and Collab Biol Control 25M C BOWMAN BS Res Chem Ins Residues
2D D HAYES BS Supt and Assoc Prof Agron Crop Mgt	12R B CHALFANT PhD Asst Prof Veg Ins Control
2N W CAMERON MS Asst Proj Ldr and Instr Dairy Sci	2J H GIRARDEAU Jr MS Asst Prof Tob Ins Control
2H L DORTON BS Asst Proj Ldr and Instr Anim Husb	25J J HAMM MS Ent Ins Path
2E E WORLEY MS Asst Supt and Asst Prof Agr Econ	2T K HILL PhD Asst Prof Fisheries Biol
Central Ga Br Sta (PO Rte 2 Eatonton 31024)	25R L JONES PhD Ent Ins Physiol
2G V CALLVERT BS Supt and Asst Prof Anim Husb	25D B LEUCK MS Ent Ins Residues
2W A GRIFFEY MS Asst Prof Anim Husb	25W J LEWIS PhD Ent Parasites and Predators
2A B HARRIS Jr BS Instr For	25W W McMILLIAN MS Ent Ins Biol
Southeast Ga Br Stj (PO Midville 30441)	25J M McWILLIAMS MS Res Ent Soil Ins
20 L BROOKS BS Supt and Assoc Prof Agron	2L W MORGAN MS Asst Prof Peanut Ins Control
2C E PERRY MS Asst Supt and Asst Prof Agr Econ	25W DPERKINS BS Ent Insect Rearing
Southwest Ga Br Sta (PO Plains 31780)	2S G POLLES PhD Asst Prof Pecan Ins Control
2R B MOSS MS Supt and Asst Prof Agr Econ	25L M REDLINGER MS Ent Stored Grains
2W J ETHREDGE MS Asst Supt and Asst Prof Agron	25A A SEKUL PhD Bio-Chem Ins Agts
	25J W SNOW PhD Ent Ins Ecol
Georgia Coastal Plain Experiment Station, Tifton	25A N SPARKS PhD Ent and Dir Sou Grain Ins Lab
31794 (912-382-5561)	2J W TODD MS Asst Prof Soybean Ins
1College Staff 2Station Staff 5Coop USDA	25N W WIDSTROM PhD Genet
1College Staff 2Station Staff 5Coop USDA 6Other Govt Agency 7Miscellaneous	25B a WISEMAN PhD Res Ent Host Plant Resistance 25J R YOUNG PhD Ent Ins Toxical
Miscellaneous /Miscellaneous	25J R TOUNG PRO ERITHS TOXICOL
2590	Herticulture 2650
2F P KING PhD Asst Dir Expt Sta and Resident Dir	2S A HARMON PhD Prof and Head of Dept
CPES (912-382-5561	2W T BRIGHTWELL PhD Prof Fruits
	2C G DEL VALLE PhD Asst Prof Veg
	25N C GLAZE PhD Res Plant Physiol Chem Weed
Agronomy 2600	Control
2C F DOUGLAS PhD Prof and Head of Dept	2D A HEGWOOD PhD Asst Prof Veg
2S H BAKER MS Instr Cotton	25C A JAWORSKI PhD Res Soil Sci
125G W BURTON PhD Genet Grass Brdg	2R E WORLEY PhD Asst Prof Fruits and Nuts
2R L CARTER MS Prof Soils	
25H G CUTLER PhD Plant Physiol Tob	Plant Pathology 2670
25C C DOWLER PhD Res Agron Chem Weed Control	2R H LITTRELL PhD Asst Prof and Head of Dept
25IAN FORBES PhD Res Agron Legumes	2D K BELL PhD Asst Prof Peanuts
2T P GAINES BS Res Asst Tob Chem	2B L DOUPNIK PhD Asst Prof Mycotoxins.
2B A GOLDEN BS Res Asst Tob	2P D DUKES PhD Assoc Prof Tob
125R O HAMMONS PhD Genet Peanuts	25J D GAY PhD Res Plant Path Veg Virol
125E W HAUSER PhD Res Agron Chem Weed Control 7J G JENKINS Agron Cotton	25D L GILL PhD Plant Path Omam 25A W JOHNSON PhD Nematol
2W H MARCHANT BS Asst Prof Forages	
25J D MILES MS Agron Tobacco	25N A MINTON PhD Nematol 12E K SOBERS PhD Assoc Prof Tob and Peanuts
25W G MONSON PhD Res Agron Grass Brdg	2D R SUMNER PhD Asst Prof Veg
12D D MOREY PhD Prof Small Grains	25H D WELLS PhD Plant Path Grasses and Legumes
2S A PARHAM BS Prof Field Crops	2011 5 William 1 Tall 1 day Glasses and Degulies
2M B PARKER MS Asst Prof Soil Chem	Miscellaneous 2690
25J B POWELL PhD Genet Grass Brdg	2F. J. CONOLY BSAE Plant Supt
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2M E WALKER MS Asst Prof Plant Nutr	25 a El McCLAIN BS Admin Off
	26B H QUATTLEBAUM Met (Coop USDC)
Animal Science 2620	Substation 2700
12W C McCORMICK PhD Prof and Head of Dept	Shade Tobacco Substa (PO Attapulgus)
2H D CHAPMAN PhD Asst Prof Beef Cattle Brdg	2E J GIBSON MS Supt and Plant Path
2T M CLYBURN BS Asst Prof Beef and Swine (P O	
Reidsville) 25G T FINCHER PhD Zool Swine Parasitol	Georgia Agricultural Experiment Station, Experi-
20 M HALE PhD Prof Swine Nutr	ment 30212 (Teleg and exp address, Griffin) (404-227-9471)
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2J C JOHNSON PhD Assoc Prof Dairy	20,000 03DA 6000 03DC
25F E KNOX BS Chem Nutr	2710
25C ELEWIS MS Range Sci	2C R JACKSON PhD Asst Dir Expt Sta and Resident Dir
25T B STFWART PhD Zool Swine Parasitol	Ga Sta (404-227-9471 Ext 201)
2P R UTLEY PhD Asst Prof Cattle Nutr	· ·
	Agronemy 2720
•	2S V STACY MS Prof and Head of Dept
Engineering (Agr) 2630	20 E ANDERSON PhD Prof Soil Sci
2J L SHEPHERD BS Prof and Head of Dept	2F C BOSWELL PhD Assoc Prof Soil Chem
25J L BUTLER PhD Agr Engin Peanuts and Forage	2R E BURNS PhD Assoc Prof Plant Physiol Turf
2W C HAMMONE MS Asst Prof Tob	2D G CUMMINS PhD Assoc Prof Crop Prod
25W W HARE BS Agr Engin Form Mach	2W S HARDCASTLE PhD Asst Prof Chem Weed Control
25E A HARRELL MS Agr Engin Form Mach	2H B HARRIS PhD Assoc Prof Soybean and Sorghum Brdr
25R F HELLWIG BS Agr Engin Forage Pelleting 2J R STANSELL BS Asst Prof Peanuts and Cotton	2R M HARRISON PhD Asst Prof Soil Chem
25 J M TROEGER PhD Agr Engin Peanuts	25B S HAWKINS MS Res Agron Cotton Brdr
2B L. TYSON MS Asst Prof Hort Crops	2M D JELLUM PhD Assoc Prof Corn Brdg
251 WILLIAMS MS - Agr Engin Permits and Forage	2B J JOHNSON MS Asst Prof Crop Prod

Agronomy- Continued	Regional Primary Plant Introduction Station
2L S JONES BS Asst Prof Soil Chem	(PO Experiment) 2820
2J P NEWTON BS Asst Prof Turf	25W R LANGFORD PhD Coord Pasture & Forage
25H A PEACOCK PhD Res Agron Cotton Brdr	Crops
2A E SMITH Jr PhD Asst Prof Chem Weed Control	2W L CORLEY MS Asst Prof Hort Crops
2R E WILKINSON PhD Assoc Prof Chem Weed Control	2J H MASSEY PhD Asst Prof Field Crops
	25GROVER SOWELL Jr PhD Plant Path Mycol
Animal Science 2730	
2M E McCULLOUGH MS Prof Anim Nutr and Head of De	·
2D V BAIRD PhD Assoc Prof Anim Sci	26F L CROSBY BS Agr Met
25HONORICO CIORDIA PhD Parasitol	Miscellaneous 2850
2W E NEVILLE Jr PhD Assoc Prof Anim Brdr	
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2L R SISK BS Asst Prof Dairy Sci 2W W G SMART Jr PhD Prof and Chem	2Mrs EDNA H OLSON MS Asst Prof Libr 2Mrs BETTY Z ROBERTS Admin Secy
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Engineering (Agr) 276	
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2B P VERMA PhD Asst Prof Power Mach	5JAMES BYROM BS Res Chem
AD F VERIMA FIED MOSE FIOI FOWER MICE	IGETTER HUGGINS MS Asst Prof Poultry Husb
Entenelogy ' 2770	
2C M BECKHAM PhD Prof and Head of Dept	The optional and the following definition of
2MINTER DUPREE Asst Prof Peaches	Plant Science 2884
2E L SNODDY PhD Asst Prof Livestock and Recr	1C L ELLISON PhD Prof Agron
2H H TIPPINS PhD Assoc Prof Ornam	1M C BLOUNT MS Asst Prof Agron
	1C B BROWN PhD Assoc Prof Chem
Feed Science 278	11 J CRUMBLY PhD Assoc Prof Bot
2A L SHEWFELT PhD Prof and Head of Dept	1S F RAHMAN PhD Assoc Prof Agron
2T S BOGGESS MS Assoc Prof Food Sci	1HOUSTON STALLWORTH PhD Prof Hort
2S R CECIL MS Prof Food Sci	
2J R CHIPLEY PhD Asst Prof Food Sci	Home Economics 2890
2E K HEATON MS Assoc Prof Food Sci	1LILLA ROBINSON PhD Assoc Prof Home Econ Educ
2D R LANDES PhD Asst Prof Food Sci	and Chmn of Div
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Herticulture and Forestry 281	
2B B ERANTLEY PhD Prof Hort and Head of Dept	◆ 11 M TO AMERICA ETTA - MARGO CLIOT MART
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2T S DAVIS BS Asst Prof Ornorn	HAWAII
2A F. DEMPSEY PhD Prof Veg Crops	เกาเกน
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3. FAMARA MARSUM ON MARS ON Consum The MANAGEM Acot in Flant Physiol The RAM NOTE For Block upple Merphol and Maria Intern 12 Horticulture 3000 123 : APT YUKI KAMEM. 10 Feb. Hert mer (benn of Dept (Tel 808-944-8353) 2Mr. MARGARET L WEHLING MS - Junior Plant Anal 2NENGAH WIRAWAN BS - Asstin Plant Ecol 12J L BREWBAKER PhD Prof Plant Genet 2 J Section 1944 ANASET P. 1. As a uniform block 2J T CHINN MS Junior Hort Veg 3050 Branch Stations and Experimental Farms 23 1 CHINN MB Julion Not Veg
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3520

INDIANA 3530-3560 Horticulture-Continued Home Economics-Continued 12G F WARREN PhD Prof Plant Physiol Weeds EQUIPMENT AND FAMILY HOUSING 12T C WEILER PhD Asst Prof Plant Physiol Flor 12G E WILCOX PhD Assoc Prof Plant Nutr 123KATHLEEN JOHNSTON PhD Prof Equip and Fam Housing and Head of Dept 3J A WOTT PhD Asst Prof Ext Hort 1CHARLAN GRAFF MS Asst Prof 3RUTH HUTCHESON MS Asst Prof 3EZELLE JOHNSON MS Asst Prof 3545 Library OC DUNN PhD Assoc Dir of Libr (317-749-2571) 1Mrs MARY E KLINGSTEDT EdD Assoc Prof Mrs MARY M HENNEN MA Asst Life Sci Libr 1Mrs M VIRGINIA PEART PhD Assoc Prof 1J M HOUKES MALS | Agr Econ Libr 1ANN E KERKER MSLA Vet Sci Libr FOOD AND NUTBITION C M SCHAEVE MSLS Life Sci Libr 123ELWOOF IN FEBER Phil Propand Head of Dept 3MARCILE ALLEN MS Asst Prof 3550 Statistics (Agr) 12VIANNA D BRAMBLETT MS Assec Prof and Assoc 25E L PARK MS Head of Dept (317-749-2429) Horle Econ Agr Expt Sta 25W W ADAMS BS Agr Statis 25H L CASTLE MS Agr Statis IMARJORIE BRUBACHER MS Instr 12HELEN E CLARK PhD Prof and Assoc Home Econ 25J R GARRETT BS Agr Statis Agr Expt Sta 25P D HOPKINS MS Agr Statis 1MARY E FUQUA PhD Prof Food and Nutr 25C F JAMES BS Agr Statis 25J K SANDS BS Agr Statis 2JEAN MA HOWE PhD Asst Prof Food and Nutr IMrs KAREN JAMESEN Asst Prof Food and Nutr 25GF SMITH BS Agr Statis 12AVANELLE KIRKSEY PhD Prof Food and Nutr 1ROSEMARY LODDE MSHE Asst Prof 3560 Veterinary Science and Medicine, School of 2JOAN MAGEE MS Instr 12DAN PRATT PhD Prof Foods and Nutr and Assoc ADMINISTRATION 1E V MORSE DVM PhD Prof and Dean of Sch (317-749-Home Econ Agr Exp Sta 28731 12R L MORTER DVM PhD Prof and Assoc Dean for Res HOME MANAGEMENT AND FAMILY ECONOMICS of Sch (317-749-4296) 123SARAH L MANNING PhD Prof and Assoc Home Econ 1J J STOCKTON DVM PhD Prof and Assoc Dean for Agr Expt Sta and Head of Dept Academic Affairs of Sch (317-749-3666) 3JAN AHMSTRONG PhD Asst Prof 1MARY I. FOSTER MSHE Asst Prof 1A R ALLEN MS Assoc Prof Med Illus 3BONNIE C GADDIS MS Instr YMOTAKA 12HELEN C POTTER PhD Prof and Assoc Home Econ 1M #STROMBERG DVM PhD Prot and Head of Dept Aar Exot Sta (317-749-2875) 12JANET L VAUGHAN PhD Asst Prof and Assoc Home 4F J CLARK PhD Assoc Prof Bioengin Econ Agr Expt Sta 12C E HENRIKSON BS MS Grad Instr Electron Micros 1E J HINSMAN DVM PhD Assoc Prof Electron Micros 12FLORA WILLIAMS PhD Asst Froi and Assoc Home Econ Air Expt Sta 12Y CHWANG BS MS Grad Instr Anat 12J M KERNS BS MS Grad Instr Histol INSTITUTIONAL MANAGEMENT 4E.M. SCHMITT PhD Assoc Prof Bioengin 123RUTH L GOUPREY MS Prof Inst Mgt and Head of Dept 12ARTHUR AVERY PhD Prof Inst Mat and Assoc Home 12MICHAEL SHIVELY DVM Grad Instr Gross Anat 1J E STUMP DVM PhD Assoc Prof Gross Anat Econ Acr Expt Sta 12D C VAN SICKLE DVM PhD Assoc Prof Histol ISYLVIA M HARTT MS Assoc Prof 12N J WILSMAN DVM Grad Instr Gross Anat 13MARY R HYLAND MS Asst Prof 1Mrs ARDATH A JOHNSON MS Instr ANIMAL DISEASE DIAGNOSTIC LABORATORY 1Mrs SARA D MEKEMSON MS Asst Prof 12W W KIRKHAM DVM PhD Prof and Head of ADDL 1MARY E QUAM PhD Asst Prof (317-749-2740) 2A E CASTRO PhD Asst Prof Virol 3540 **Horticulture** 2A M GALLINA DVM PhD Asst Prof Compar Path 2RICHARD HUGHES DVM Grad Instr Compar Path 123H T ERICKSON PhD Prof and Head of Dept (317-749-**2**R L LILLIE DVM Grad Instr Compar Path 3R ABLAKELEY MS Asst Prof Mktg
3P W BUESCHERMS Grad Instrana Ext 2H J CI ANDER DVM PhD Prof Compar Path 2MEPFILL RANCK DVM MS Assoc Prof Compar Path 23P L CARPENTER PhD Assoc Prof Ext Ornam 2D H WALLACE DVM Instr Compar Path 12J H CHERRY PhD Prof Plant Physiol 2H / WINTERFIFI J DVM Prof Compar Path 12H CLOSTAL PhD Asset Prof Post-Harvest Physiol 12D A EGGERT PhD Asset Prof Plant Physiol and Pomol CLINICS 12F H EMERSON PhD Assoc Prof and Farms Dir Pomol 1H E AMSTUTZ DVM Prof and Head of Dept (317-749-12H L FLINT PhD Assoc Prof Plant Physiol Omam 3741) 12C F GERLACH MS Asst Prof Landsc Arch
2R S GRENARD BS Instr Genet and Plant Brdg Veg 1J R ANNIS DVM Prof 1J SBAKERIVM Assoc Prof Large Anim Med 1J C BLAKEMORE DVM Prof Small Anim Med 12LESLIE HAFEN PhD Prof Genet and Plant Brdg Veg 23R A HAYDEN PhD Assoc Prof Pomol 1P N ROEHM DVM Asst Prof Large Anim Med 12J F. HOFF PhD Prof Food Sci 23C E HOXSIE MS Asst Prof Flor 12JULES JANICK PhD Prof Genet and Plant Brdg Fruit

1C J CALLAHAN DVM Prof Large Anim Med 1JF FESSLER DVM MS Assoc Prof Large Anim Surg and Med

1AM LAVIGNETTE DVM Prof Small Anim Ophthalmology 1E H PAGE DVM BS Prof Large Anim Surg and Med 1L J RUNNELS DVM Assoc Prof Large Anim Med

MICROBIOLOGY, PATHOLOGY, AND PUBLIC HEALTH 1R M CLAFLIN DVM PhD Prof and Head of Dept (317-749-2484)

12C H ARMSTRONG DVM PhD Assoc Prof Microbiol 12D G BENNETT Jr DVM PhD Assoc Prof Parasital
12A A BICKFORD DVM PhD Assoc Prof Compar Path 4THFCCCFF BUHNSTEIN DVM PhD Prof Virol

Bida

12C M JONES PhD Assoc Prof Genet and Plant Brdg Veg

23R R ROMANOWSKI PhD Assoc Prof Plant Physiol Veg

12F O LANPHEAR PhD Prof Plant Physiol Omam

3R SCHNOCK MLA Asst Prof Ext Landsc Arch

23E CITICHELAAR PnD Asst Prof Genet and Plant

2S L LAM PhD Asst Prof Plant Physiol

12A C LEOPOLD PhD Prof Plant Physiol 123P E NELSON PhD Assoc Prof Food Sci

3G H SULLIVAN PhD Asst Prof Mktg

13P S TRESCHMS Asst Prof Lanasc Arch

1TD WALKER MS Asst Prof Landsc Arch

INDIANA-IOWA 3560-3610

Veterinary Science and Medicine, School of-Continued

- 12M J FREEMAN DVM PhD Prof Immunol
- 4S M GAAFAR DVM PhD Prof Parasitol
- 12D P GUSTAFSON DVM PhD Prof Virol
- 12E O HAELTERMAN DVM PhD Prof Expt Path
- 1R K JONES DVM PhD Prof Compar Path
 2C L KANITZ DVM MS Grad Instr Virol
- 12J E LUND DVM PhD Asst Prof Clin Path 12H E MOSES DVM MS Prof Bact
- 12L J ROSER DVM Grod Instr Compar Path
- 1L W TH CANY PhE → rot Microscol
- 12J F VAN VLEET DVM PhD Assoc Prof Compar Path 2MARGIE WONG BS Grad Instr Immunol
- 12G H ZWICKER DVM Grad Instr Compar Path

PHYSIOLOGY AND PHARMACOLOGY

- 1G D GOETSCH DVM PhD Prof and Head of Dept (317-749-2271)
- 12G D BOTTOMS PhD Asst Prof Physiol
- 12W W CARLTON DVM PhD Prof Physiol and Path
- 1J M CARTER DVM PhD Assoc Prof Metabolic Dis
- 12D S CORWIN BS Grad Instr Physiol
- 4RW HUGHES DVM PhD Assoc Prof Pharmacol
- 12H D JACKSON PhD Assoc Prof Biochem
- 12V C JAMES DVM Grad Instr Physiol
- 12W A KELLY DVM Grad Instr Toxicol
- 2J W KESTERSON DVM Grad Instr Path
- 12M DMcCRACKEN DVM Grad Instr Physiol
- 2J A McPEAK DVM Grad Instr Path
- 12G M NEHER DVM PhD Prof Endocrinol
- 10 F ROESEL DVM PhD Assoc Pr of Neurophysiol

VETERINARY SCIENCE (School of Veterinary Science and Medicine and Agricultural Experiment Station)

- 12R L MORTER DVM PhD Prof and Head of Dept (317-749-4296)
- 13K BMFYER DVM Assoc Prof (317-749-2348) Vet Ext
- 2B W HATCHER MS Supt of Vet Sci Form
- 3K M WEINLAND DVM Assoc Prof Vet Ext

Outlying Research Farms

3600

- 2HORACE PAARLBERG BSA Dir of Outlying Farms (317-749-2332)
- 2T S SPECK MS Asst to Dir of Outlying Farms
- 2D R GRIFFITH MS Res Ldr
- Davis-Purdue Agricultural Center (PO Farmland)
- 2M W ALDERFER MS Supt
- Lynnwood-Purdue Agricultural Center (PO Carmel)
- 2R C PETERSON MS Supt
- Miller-Purdue Agricultural Center (PO Upland) 2D A HUBER BSA Supt
- Feldun-Purdue Agricultural Center (PO Bedford) 2J R HODGES BSA Supt
- Pinney-Purdue Agricultural Center (PO Wanatah 2M A MOHLER MS Supt
- Southern Indiana-Purdue Agricultural Center (PO Dubois)
 - 2R W WELLS BSA Supt 2T A EWBANK MS Res Ldr
- Throckmorton-Purdue Agricultural Center (PO Lafayette R 7)
 - 2E R BAUGH MS Supt

Laboratory for Applications of Remote Sensing (Agr and Engin) Purdue Industrial Research Park, 1220 Potter Drive, West Lafayette, Ind (317-749-3532)

3605

ADMINSTRATION

Director

1D A LANDGREBE PhD Prog Ldr Prof Circuits and Syst Theory Commun Theory and Syst (317-749-3532)

Technical Director

1R B MacDONALD BS Syst Engin (317-749-3532)

REQUIREMENTS AND APPLICATIONS PROGRAMS

12L M EISGRUBER PhD Prog Ldr Prof Decision Models and Inform Syst

Laboratory for Applications of Remote Sensing (Agr and Engin) Purdue Industrial Research Park, 1220 Potter Drive, West Lafayette, Ind (317-749-3532)-Continued BIOGEOPHYSICAL

- 12R M HOFFER PhD Prog Ldr Assoc Prof Spectral Data Anal and Computer Classif
- 12A H K AL-ABBAS PhD Soil Fert and Plant Nutr
- 1B H ATWELL PhD Asst Prof Geophysics
- 12M E BAUER PhD Res Agron Crop Yield Studies
- 12M F BAUMGARDNER PhD Assoc Prof Soil Fert Mgt
- 12JAN CIPRA PhD Res Agron Soil Classif and Surv
- 1R L FREDERKING BA Geol Features
- 12S J KRISTOF PhD Res Agron Soils Anal and Computer Mapping
- 1D W LEVANDOWSKI PhD Assoc Prof Mineral and Geol
- IW N MELHORN PhD Prof Geol
- 12C B ROTH PhD Soil Chem
- 12J J VORST PhD Prof Crop Physiol
- 1T R WEST PhD Asst Prof Engin Geol and Petrography c Aggregates
- 12A L ZACHARY PhD Asst Prof Soil Genesis and Classit

MEASUREMENTS

- 1L F SILVA PhD Prog Ldr Assoc Prof Solid State Devices and Optical Imagery
- 1J W CLEVENGER MS Electro Optic Instruments
- 1G M JURICA PhD Asst Prof Phys Met
- 1BARRETT ROBINSON MS Electronic Instrumentation
- 1F V SCHULTZ PhD Prof Applications of Electromag Theory and Plasmas

DATA PROCESSING

- 1D A LANDGREBE PhD Dir Prog Ldr Prof Circuits and Syst Theory Commun Theory and Syst
- 1P E ANUTA MS Res Engin Data Syst
- IKSFUPhD Prof Pattern Recognition and Automatic Artificial Intelligence Learning Syst
- ISHIRLEY K HUNT AB Assoc Res Engin Data Syst 1J C LINDENLAUB PhD Assoc Prof Commun Syst
- 1T L PHILLIPS MS Assoc Prog Ldr Res Engin Data Syst
- IW R SIMMONS BS Assoc Res Engin Data Syst 1P H SWAIN PhD Assoc Prog Ldr Res Engin Data Syst
- SUPPORT PROGRAMS
 - 12C J JOHANNSEN PhD Res Agron Soils
 - 12GRETCHEN M HILL MS Tech Ed
 - 12R P MROCZYNSKI MS Res For Photo Interpret

AWOI

The College of Agriculture, the Agriculture and Home Economics Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the Iowa State University of Science and Technology, Ames 50010 (Main tel 515-294-4111)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6Coop USDI **7**Miscellaneous 9A-TF, M-S Program

3610

IW R PARKS PhD Pres of Univ

- 1239FLOYD ANDRE PhD Dean of Col of Agr Dir of Sta (Tel 515-294-2518)
 - **3M A ANDERSON** PhD Dean of Univ Ext Dir of Coop Ext Serv (Tel 515-294-4576)
 - 2J P MAHLSTEDE PhD Assoc Dir of Sta (Tel 515-294-4762)
 - IL M THOMPSON PhD Assoc Dean of Col of Agr (Tel 515-294-6614)
 - 2S A ENING PhD Asst Dir of Sta (Tel 515-294-4762) 2Mrs HELEN L HILTON PhD Asst Dir of Sta (515-294-5980)
 - 12K J FREY PhD Acting Dean of Grad Col (515-294-

Agriculture Staff Services 3620 Agronomy-Continued 12^F M SHIBLES PhD Prof Crop Physiol and Prod 1J M ALEXANDER MS Assoc Prof Mgr Fdn Farms 12W D SHRADER PhD Prof Soil Mgt 23R R BEAN Admin Asst 123EO HEADY PhD DSc Dist Prof in Agr and Exec Dir 25W H SKRDLA PhD Prof Crop Prod New Crops 1D L STAMP MS Instr Crop Prod of Center for Agr and Econ Devlpm.t 1J A STRITZEL PhD Prof Soil Fert 2M A TABATABAI PhD Assoc Soil Biochem Agronomy 3630 3H E THOMPSON PhD Prof Crop Prod 123J T PESEK PhD Prof and Head of Dept (515-294-1360) 2W H ALLEN Jr MS Assoc Soil Classif 1L M THOMPSON PhD Prof Soil Fert 3MINORU AMEMIYA PhD Assoc Prof Soil Mat 1F R TROEH PhD Asst Prof Soil Classif 2R RVAN LEF FLOEG MS Assoc Soil Phys 21 CANDERSON PhD Prof Crop Physical and Prod 2H C VAUGHAN MS Asst Prof Climatol 12R E ATKINS PhD Prof Plant Brdg 2D J BAKER MS Assoc Plant Brdg 3G O BENSON MS Assoc Crop Prod 2A O BERNAL BS Assoc Soil Mat **3**R D VCSS PhD Prof Soil Fert **25**P J WAITE MS Collab Climatol 2F J WALSH MS Plant Brdq
2J R WEBB PhD Assoc Prof Soil Fert
12W F WEDIN PhD Prof Pasture Mgt 2W G BIGGS PhD Asst Prof Climatol

12C A BLACK PhD Dist Prof Soil Chem 12J M BREMNER PhD Prof Soil Biochem
2J R BURFORD PhD Assoc Soil Biochem 1D K WHIGHAM MS Instr Crop Prod 12D G WOOLLEY PhD Prof Crop Prod 2D T BURMOOF MS Assoc Crop Phys
2I T CARLSON PhD Assoc Prof Plant Brdg 2B K WORCESTER MS Assoc Soil Classif 12D N YARGER PhD Asst Prof Climatol 25R L CLARK PhD Assoc Prof Path New Crops 2A M CONJE MS Plant Brdg 2W J DAHNEN PhD Assoc Crop Phys 2C J DEMOOY PhD Asst Prof Soil Fert Animal Science and Dairy Science 3640 123L N HAZEL PhD Dist Prof in Agr and Head of Dept (515-294-2160) 25A F DODGE BS Collab Crop Prod New Crops 123C F FOREMAN PhD Prof in Chg of Dairy Sci 2L A DOUGLAS BS Assoc Soil Chem 2L C DUMENIL PhD Assoc Prof Soil Mgt 2L L ANDERSON PhD Assoc Prof Physiol and Reprod 12D C BEITZ PhD Asst Prof Dairy Sci 3PEX BERESFORD BSA Prof Emeritus Beef Cattle 3E R DUNCAN PhD Prof Soil and Crop Mgt 2E J DUNPHY MS Assoc Soil Fert 1J L BERGKAMP BS Instr 25S A EBERHART PhD Prof Quantitative Genet and 1P O BRACKELSBERG PhD Asst Prof Beef Brdg Plant Brdg 14 E BURRCUGHS PhD Prof Ruminant Nutr 12L L CHRISTIAN PhD Assoc Prof Swine 3KALJU EIK PhD Assoc Soil Fert 2J C ELDREDGE PhD Assoc Prof Plant Brdg
2A J ENGLEHORN MS Asst Prof Soil Mgt 2C C CULBERTSON MS Prof Anim Prod 2W E FALCK MS Assoc Crop Prod 2W R FEHR PhD Assoc Prof Plant Brda 3R C deBACA PhD Prof Anim Brdg 3B R EASTWOOD PhD Asst Prof Dairy Brdg 12R C EWAN PhD Asst Prof Swine Nutr 2S A EWING PhD Prof Anim Sci Beef Cattle 2T EFENTON PhD Assoc Prof Soil Classif 25C S FISHER BS Collab Soil Classif
12L R FREDERICK PhD Prof Soil Microbiol 12A E FREEMAN PhD Prof Dairy Brda 3M R GEASLER PhD Asst Prof Ruminant Nutr 12K J FREY PhD Dist Prof Plant Brdg 1J N GLI NN BS Instr 2J L GEADELMANN BS Assoc Plant Brdg 12J R GEORGE PhD Asst Prof Plant Brdg 12D E GOLL PhD Prof Meats 1E H HAYNES PhD Assoc Prof Anim Nutr 2GW GOGAN MS Assoc Soil Fert 12D E GREEN PhD Prof Plant Erdg
2A F GRONEMAN MS Assoc Prof Soil Fert 3J B HERRICK DVM MS Prof Vet Med 3H H HODSON PhD Asst Prof Swine
12M P HOFF MAN PhD Asst Prof Anim Prod 25A R HALLAUER PhD Prof Plant Brdg 23J J HANWAY PhD Prof Soil Fert
25J D HIGHLAND BS Collab Soil Classif
12C F HODGES PhD Asst Prof Turf Mgt 12N L JACOBSON PhD Dist Prof in Agr Dairy Nutr 1M H JURGENS PhD Asst Prof Nutr 1J J KISER MS Assoc Prof Horses 12E A KLINE PhD Prof Meats 2C D HUTCHCROFT PhD Assoc Prof Seed Certif 2F T ISMAIL PhD Assoc Soil Chem
25J L JARVIS PhD Assoc Prof Ent New Crops 1W F LaGRANGE MS Prof Livestock 12J L LUSH PhD Dist Prof in Agr Anim Brdg 12A D McGILLIARD PhD Assoc Prof Dairy Nutr 12DON KIRKHAM PhD Dist Prof Soil Phys 12R M MELAMPY PhD Prof Anim Physiol and Reprod 30 A KNOTT MA Asst Prof Crop Prod 2P K LAWRENCE BAgSc Assoc Plant Brdg 12A E MOLLN BS Admin Asst and Swine Brdg 3D K NELSON PhD Asst Prof Dairy Nutr 12J L MALCOLM MS Plant Brdg 2N P MARTIN MS Assoc Forage Mgt 2H L McKIM MS Assoc Soil Classif 12F C PARRISH Jr PhD Assoc Prof Meats 12J B PETERS PhD Asst Prof Physiol and Reprod 123A R PORTER MS Prof Dairy Sci 2R D MEYER MS Assoc Soil Fert 3R E RUST MS Assoc Prof Meats 23H L SELF PhD Prof Livestock 2E L MILLER MS Assoc Soil Mgt 2J J MOCK PhD Asst Prof Plant Brdg 12P S SHEARER MS Prof Anim Sci 25W C MOLDENHAUER PhD Prof Soil Mgt 2R P NICHOLSON BS Asst Prof Soil and Crop Mgt
25R G PALMER PhD Collab Plant Brdq 12D G SIERS PhD Asst Prof Anim Brdg 12J A SIMS PhD Prof Dairy Cattle 3M L SPEAR DVM Assoc Prof Vet Med 12V C SPEER PhD Prof Swine Nutr 2A PATANOTHAI BS Ass∞ Plant Brdq 12R B PEARCE PhD Asst Prof Crop Phys 3D J STEVERMER Phb. Assoc Prof Swine 25L H PENNY PhD Prof Plant Brdg 12M H STROMER PhD Asst Prof Meats 12P A PETERSON PhD Prof Cytogenet and Plant Brdg 12W H PIERRE PhD Prof Soil Fert 3N L POWELL M3 Assoc Soil Phy: 23GM THOM ON PED Asst Frot Comp 12D G TOPEL PhD Assoc Prof Meats 12A H TRENKLE PhD Assoc Prof Ruminant Nutr 12C L PRIOR BS Instr Plant Brdq 12F F RIECKEN PhD Prof Soil Classif 12BL VETTER PhD Assoc Prof Rummant Nutr
3D E VOELKER MS Prof Pairy Cattle
1D R WARNER PhD Assoc Prof Sheep
3B F WHITMOPH BS Assoc Dy Sci 2J L ROBINSON PhD Prof Seed Certif 12W A RUSSELL PhD Prof Plant Brdg 1J W SCHAFER Jr PhD Asst Prof Soil Sci 3F W SCHALLER PhD Prof Soil and Crop Mgt
12W H SCHOLTES PhD Prof Soil Classif 3T W WICKERSHAM MS Assoc Prof Sheep 12R L WILLHAM PhD Assoc Prof Anim Brdg 1D B WILLIAMS MS Instr 1W W WUNDER PhD Asst Prof Anim Brdg

12A D SCOTT PhD Prof Soil Chem 12R H SHAW PhD Prof Climatol

IOWA 3640-3710

Animal Science and Dairy Science-Continued Economics (Agr)-Continued 2J W YOUNG PhD Assoc Prof Dairy Sci 12R R BENEKE PhD Prof Farm Mgt and Prod Econ 12D R ZIMMERMAN PhD Assoc Prof Swine Nutr 3L J BODENSTEINER MS Asst Prof Ext Ldr Farm Mgt 3W G ZMOLEK MS Prof Beef Cattle and Mktg 2R W CROWN MS Assoc Prod Econ 12P D DOAK PhD Assoc Prof Mktg **Bacteriology** 3650 3E W ELDRIDGE PhD Prof Public Affairs and Area 2W R LOCKHART PhD Prof and Chmn of Dept (515-Devlpmt 294-1630) 2J A FEDELER BS Assoc Prod Econ 2R E BUCHANAN PhD Prof Taxon 12L B FLETCHER PhD Prof Mktg 12P A HARTMAN PhD Prof Microbiol Proc 23G A FUTRELL PhD Assoc Prof Outlook and Econ Inform Biochemistry and Biophysics 3660 3DM GET MS Assoc Ext Spec Farm Mat 3C P GRATTO PhD Assoc Prof Public Affairs
3D H HAMMOND PhD Asst Prof Ext Spec Res Devlpmt 12DEXTER FRENCH PhD DSc Prof and Chmn of Dept (515-294-6116) 12R J ACKERMAN MS Assoc Biochem 12H J FROMM PhD Prof Enzymol 12D J GRAVES PhD Prof Enzymol 2J D HANSON MS Assoc Mktg 2S H HARGROVE MS Assoc Prod Econ 123N E HARL PhD Prof Resource Econ 12W R HEARN PhD Assoc Prof Metabolism
7J HCROWITZ PhD Assoc Prof Molec Biol 2G A HARFISON MS Assoc Frod Econ 123E O HEADY PhD Dist Prof Prod Econ 12J D IMSANDE PhD Assoc Prof Molec Genetics 2R W HEXEM MS Assoc Prod Econ 3H B HOWELL MS Prof Farm Mgt 2A L JENNINGS PhD Assoc Biochem 15P A REBERS PhD Assoc Prof Polysac Immunochem 3P P HUFFERDMA Assoc Ext Spec Farm Mgt 12J F ROBYT PhD Asst Prof Enzymol
12J A THOMAS PhD Asst Prof Molec Biol and Enzymol 2J J JACOBS MS Assoc Land and Water Econ 12S C JAMES PhD Assoc Prof Farm Mgt and Prod Econ 12C L TIPTON PhD Assoc Prof Lipids 3M G JULIUS PhD Assoc Prof Indus Econ 2T WATANABE PhD Assoc Biochem 12D R KALDOR PhD Prof Agr Policy 3A G KILBOURN MS Assoc Ext Spec Bus Mgt 2C WEATHERSBEE PhD Assoc Brochem 2A P KLEINMAN MS PD Assoc Prod Econ 12B J WHITE PhD Asst Prof Biochem
2N YADAGIRI PhD Assoc Biochem 3L GKRAL BS Assoc Ext Spec Farm Mgt 12G M LADD PhD Prof Dairy and Poultry Mktg 2H C MADSEN MS Assoc Prod Econ Botany and Plant Pathology 3670 3R C MAXON PhD Assoc Prof Consum Mkta **123**F G SMITH PhD Prof and Head (515-294-3522) 1J M AIKMAN PhD DSc Prof (Emeritus) Ecol 2L V MAYER PhD Asst Prof Prod Econ 2I C ANDERSON PhD Prof Crop Physiol and Prod 2P J MIKESMS Assoc Mktg 2A L BAKKE PhD Prof (Emeritus) Weed Invest 12W G MURRAY PhD Prof Agr Finance 3R J NANNEMAN MS Assoc Ext Spec Res Devlpmt 12J A BROWNING PhD Prof Cereal Dis 12J S BURRIS PhD Asst Prof Seed Tech 12H A NOREM BS Assoc Prod Econ 25J M DUNLEAVY PhD Prof Soybeam Dis 3W E OGG PhD Prof Public Affairs **3**A H EPSTEIN MS Asst Prof Pesticide Safety 5R R PAUL MS Collab Prod Econ 12A A PAUL SEN PhD Prof Agr Policy 3L E EVERSON PhD Prof Seed Tech 3E D PETERSON MS Assoc Ext Spec Farm, Mgt 2D C FOLEY PhD Assoc Prof Com Dis 12R E FORD PhD Prof Virol **3**R G POUNDS BS Asst Prof Welfare Econ 2H THORNER PhD Assoc Prof Cytol 3T R POWELL MS Assoc Ext Spec Farm Mat 2DUANE ISELY PhD Prof Taxon 3A P RAHN MS Assoc Mktg 2D E RAY BS Assoc Prod Econ 3C E RICH MS Assoc Ext Spec Res Devlpmt 2N R LERSTEN PhD Prof Anat **2**W E LOOMIS PhD Prof (Emeritus) Physiol 12C A MARTINSON PhD Assoc Prof Root Dis 123FRANK ROBOTKA MS Prof Coop 12H S McNABB Jr PhD Prof Tree Dis 2K D ROGERSMS Assoc Prod Econ 2D C NORTON PhD Prof Nematol 5P E ROSENBERRY MS Collab Land Econ 2R W POHL PhD Prof Taxon 12J T SCOTT PhD Prof Mktg 5M D SIMONS PhD Prof Oat Dis 23J M SKADBERG PhD Asst Prof Livestock Mktg 2D W STANIFORTH PhD Prof Weed Invest **5**R B SMITH BS Collab Prod Econ 3E P SYLWESTER PhD Prof Weed Invest 2A I STCECKERMS Assoc Prod Econ 3E G STONEBERG MS Prof Farm Mat 5HIDEO TACHIBANA PhD Collab Soybean Dis 3J R STRAIN PhD Prof Dairy and Poultry Mktg 5J R WALLIN PhD Prof Epidemiol 23S H THOMPSON PhD Prof (Emeritus) Livestock Mktg Food Technology 12J F TIMMONS PhD Prof Land Econ 3680 3L D TREME MS Assoc Ext Spec Form Mgt
3% J TURNER BS Assoc Ext Spec Form Mgt
1J J WALLACE BS Prof Form Mgt 123V H NIELSEN PhD Prof and Head of Dept (515-294-3011) 12E W BIRD PhD Prof Food Tech and Biochem 12E GHAMMOND PhD Prof Food Tech and Biochem 3R N WISNER PhD Asst Prof Outlook and Econ 2A A KRAFT PhD Assoc Prof Food Tech and Bact Inform 3W S LaGRANGE PhD Assoc Prof Food Tech 1R VOGDEN MS Instr Food Tech Agricultural Education 3700 12G W REINBOLD PhD Prof Dairy Bact 1C E BUNDY MS Prof and Chmn of Dept (515-294-5376) 1J F BENDIXEN PhD Instr 1H R CRAWFORD PhD Assoc Prof Farm Oper

1WS FCSENBERGER BS Assoc Prof Food Tech

3A W BUDNICK BS Prof Food Tech

12H E SNYDER PhD Prof Food Tech and Biochem

12M H STROMER PhD Assoc Prof Food Tech and Biochem
12H W WALKER PhD Prof Food Tech and Bact

3E O WRIGHT MS Assoc Prof Food Tech

Economics (Agr)

123K A FOX PhD Dist Prof and Head of Dept (515-2940-6740)

3J R AHRENHOLZ MS Assoc Ext Spec Farm Mgt

5K FALTMS Assoc Prod Econ

12E K BAKER MS Assoc Land and Water Econ

12A G BALL PhD Prof Farm Mgt and Prod Econ

123C P BAUMEL PhD Prof Bus Mgt

Engineering (Agr)

123C W BOCKHOP PhD Prof and Head of Dept (515-294-1434)

1W R ANDERSON MS Asst Prof Constrand Maint

1T A HOERNER PhD Assoc Prof Agr Engin

12A A KAHLER PhD Asst Prof 1J B McCLELLAND PhD Prof

1W L WYATT MS Asst Prof

3J AVEY BS Assoc Midwest Plan Serv

2G E AYRES MS Assoc Power and Mach 12C E BEER PhD Assoc Prof Soil and Water

1C J BERN MS Instr Elec Power and Proc

3710-3750 AWOI

Engineering (Agr)-Continued

1M M BOYD MS Instr Power and Mach

1H E BREECE MS Instr Constr and Maint

12W F BUCHELE PhD Prof Power and Mach
2K L CAMPBELL MS Assoc Soil and Water
12L F CHARITY PhD Prof Elec Power and Proc
12HENRY GIESE MS Prof Farm Structures

1H E HANSEN BS Instr Constr and Maint

1C W HANSON Instr Constr and Maint

12T E HAZEN PhD Prof Farm Structures
3H J HIRNING MS Assoc Power and Mach

1T A HOERNER PhD Assoc Prof Constr and Maint

1H HCCF BS Instr Constr and Maint

2A D HULL BS Assoc Asst Mgr in Farm Service 3D O HULL MS Prof Power and Mach

12H P JOHNSON PhD Prof Soil and Water

5G L KLINE MS USDA Collab Crop Condition and St**orage**

1J M LAFLEN MS USDA Collab Soil and Water

25W G LOVELY BS Collab Power and Mach

12D% VANGCLD FhD Assoc Prof Farm Structures

2A R MANN BS Assoc Farm Structures

12S J MARLEY PhD Assoc Prof Power and Mach

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Animal Science and Industry

3920-3970

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Grain Science and Industry

3980

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Horticulture and Forestry

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(Nigeria)	Veterinary Medicine, Cellege of 4090
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1D R LEAMING PhD Assoc Prof and Head of Dept	3D G MILES DVM Asst Prof Ext Vet INFECTIOUS DISEASES (Vet Med) 12S E LELAND Jr PhD Prof Parasitol and Acta Head of
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Veterinary Medicine, College of-Continued

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4130

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4140 Agronomy

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Agronomy-Continued

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12C G PONELEIT PhD Asst Prof Com Brdg

3R E POWELL MS Area Ext Spec Feed Prod

3J L RAGLAND PhD Prof Soil Chem
3H R RICHARDS PhD Asst Ext Prof Spec in Crops

2S J SHEEN PhD Asst Prof Physiol Plant Dis

2R E SIGAFUS PhD Prof Soybean and Mgt

12J L SIMS PhD Assoc Prof Soil Fert

3J H SMILEY PhD Assoc Ext Prof Tobacco
2G W STOKES PhD Prof Tobacco Brdg
1W G SURVANT PhD Prof Soil Phys

12N L TAYLOR PhD Prof Legume Brdg

12T H TAYLOR PhD Prof Crop Ecol

4W C TEMPLTON Jr PhD Prof Pasture Mgt

3DM TEKRONY PhD Asst Ext Prof Seed Technol 2G W THOMAS PhD Prof Soil Fert and Chem

2LAFAYETTE THOMPSON Jr PhD Asst Prof Weed Sci

3W C THOMPSON MS Ext Spec Forage Crops

2J R TODD MS Res Spec Soil and Plant Anal

3E M TREW Jr PhD Assoc Ext Prof Forage Crops

2C R TUTT MS Res Spec Crop Mgt

3H C VAUGHT MS Ext Spec Field Crops
2A M WALLACE MS Res Spec Tobacco and Mat

3HAYDEN WATKINS PhD Asst Ext Prof Agr Gen

2G T WEBSTER PhD Prof Plant Cytol

3K L WELLS PhD Asst Ext Prof Soils
3C E WYATT MS Area Ext Spec Field Crops

2J W WYLESMS Res Spec Pasture Mat

Animal Sciences 4150

123W P GARRIGUS PhD Prof Dept Chm (606-258-9000 Ext 2514)

23P G WOOLFOLK PhD Prof Vice Chmn Sheep

3C WABSHER PhD Asst Ext Prof Beer Cattle
12J P BAKER PhD Assoc Prof Horse Nutr

123C E BARNHART PhD Prof Swine

12J J BEGIN PhD Assoc Prof Poultry Nutr

2J A BOLING PhD Asst Prof Beef Nutr

12N W BRADLEY PhD Prof Beef Cattle

3G H BROWN MS Area Ext Spec Beef Cattle
3W L BROWN PhD AsstExt Prof Beef Cattle

1C F BUCK PhD Prof Beef Cattle

2FS BUTTON Jr MS Res Spec Dairy Prod

3J H CAUDILL MS Area Ext Spec Dairy Sci

23G M CHAPPEL PhD Assoc Ext Prof Sheep Prod 12G L CROMWELL PhD Assoc Prof Swine

3A C DAVIS BS Area Ext Spec Poultry
3B T DEAN PhD Assoc Ext Prof Area Swine Spec

2W P DEWEESE MS Res Spec Sheep Prod 3MIKE DUFF PhD Ext Prof Dairy Sci

12R H DUTT PhD Prof Physiol of Reprod

2D G ELY PhD Asst Prof Sheep Nutr

2J D FOX PhD Asst Prof Foods Biochem

12T R FREEMAN PhD Prof Dairy Technol
23NELSON GAY PhD Assoc Prof Beef Cattle

2ROBERT GOODWILL PhD Asst Prof Genet

3R C GRAVES MS Area Ext Spec Poultry

12V W HAYS PhD Prof Swine Nutr

2R W HEMKEN PhD Assoc Prof Dairy Sci 23W M INSKO Jr MSA Prof Livestock Impr

2D R JACOBSON PhD Prof Dairy Nutr

3R H JOHNSON PhD Asst Ext Prof Beef Cattle

12TH JOHNSON MS Res Spec Prod

12J D KEMP PhD Prof Meats

2D D KRATZER PhD Assoc Prof Expt Statis

12B E LANGLOIS PhD Assoc Prof Dairy Bact

3D O LIPTRAP PhD Asst Ext Prof Swine

2C O LITTLE PhD Prof Anim Nutr

2D RLOVELL MS Res Spec Beef Cattle

2D W MACLAURY PhD Prof Poultry Genet 12G E MITCHELL Jr PhD Prof Nutr

12W G MOODY PhD Assoc Prof Meats

Animal Sciences_Continued

3MASON MORRISON MS Area Ext Spec Livestock 3J H NICOLAI Jr PhD Asst Ext Prof Dairy Prod

12DURWARD OLDS DVM PhD Prof Physiol of Reprod 2J R OVERFIELD MS Res Spec Livestock (PO Princeton)

4FRANK PINKERTON PhD Asst Ext Prof Dairy Sci

3G D POTTER PhD Asst Ext Prof Horses

2J C ROBERTSON PhD Ext Prof Swine 12A W RUDNICK Jr PhD Assoc Prof Dairy Technol

1KOB RYEN MS Asst Prof Light Horses

12F A THRIFT PhD Asst Prof Beef Brdg

4F. C. TROUTMAN MS Ext Spec Dairy Prod 2R E TUCKER PhD Asst Prof Nutr

3J W TUTTLE PhD Assoc Ext Prof Poultry Prod

2H H VAN HORN PhP Assoc Prof Dairy Nutr

3W Y VARNEY PhD Ext Prof Meats Util

3J R WALLS MS Area Ext Spec Dairy Sci 3J C WHITE MS Res Spec Poultry

3M D WHITEKER PhD Ext Prof Swine Prod

3R D WOOD PhD Asst Ext Prof Swine

Economics (Agr) 4180

123R W RUDD PhD Prof Dept Chmn (606-258-9000 Ext 2651)

12D M SHUFFETT PhD Prof Vice Chmn Mktg and Statis

3S Q ALLEN MS Ext Spec Farm Mat

12K R ANSCHEL PhD Assoc Prof Econ Devlpmt Mktg
12B R BEATTIE PhD Asst Prof Res Econ

12R L BECK PhD Assoc Prof Dairy Mktg

123W C BINKLEY MS Assoc Prof Coop 12B W BOBST Pt.D Assoc Prof Mktg

12J H BONDURANT PhD Prof Land Econ
2A F BCRIETATIX It PhI Asst Prof Agr Policy
12G L BRADFORD PhD Assoc Prof Prod Econ

2RH BRANNON Phi Assoc Prof Agr Econ Devlpmt

3WILMER BROWNING PhD Asst Ext Prof Prod Econ

3S A CALLAHAN MS Area Ext Spec Mktg
3D G CLAMPET MS Area Ext Spec Farm Bus Anal

12C M CLARK MS Assoc Prof Tobacco Mktg 3H D COLLINS BS Area Ext Spec Farm Bus Anal

1J E CRISWELL PhD Asst Prof Farm Mgt 3J E FUQUA MS Area Ext Spec Farm Bus Anal

1E D GOOCH PhD Asst Prof Hort Mktg

2H H HALL PhD Asst Prof Statis

3D M HENSHAW MS Area Ext Spec Farm Bus Anal

3W W HOURIGAN PhD Asst Ext Prof Public Policy
12F F JUSTUS Jr PhD Prof Farm Mgt

3H G LOVE PhD Asst Ext Prof Agr Mktg Firms

3EVERETTE MACKEY MS Ext Spec in Poultry Egg Mktq

12L L MATHER PhD Asst Prof Agr Mktg

2W H MINTON MS Asst Prof Fruit and Veg Mktg

3A I OVERALL MS Area Ext Spec Form Bus Anal 12J C REDMAN PhD Prof Prod Econ 2J B ROBERTS MS Prof Dairy Mktg

3B R ROBERTSON MS Ext Spec Agr Mktg

3H E ROTHWELL BS Area Ext Spec Mktg 3Z C SAUFLEY MS Ext Spec Livestock Mktg

3W E SEALE MS Area Ext Spec Farm Bus Anal 12E D SMITH PhD Prof Coop

5J G STOVALL PhD Asst Prof (Adjunct Series) Agr Econ Farm Mgt

3L K TRAVIS MS Area Ext Spec Farm Bus Anal

Engineering (Agr)

4190

123B F PARKER PhD Prof Dept Chmn (606-258-9000 Ext 26431

12BU BARMELD Phil. Asst Prof Coll and Water

2J B BROOKS MS Assoc Prof Farm Structures

2J M BUNN PhD Assoc Prof Tobacco Res

2J H CASADA MS Res Spec Farm Mach 3G A DUNCAN MS Ext Spec Tobacco Hort Facil

3H E HAMILTON MS Ext Spec Mater Handling

12C T HAAN PhD Asst Prof Soil and Water

5W H HENSON PhD Assoc Prof (Adjunct Series) Tobacco Res

3K C MILLS BS Ext Spec Housing

5J E MORRISON Jr MSE Res Spec (Adjunct Series) Mech of Tobacco Stripping

3C H READ MS Ext Spec Swine Grain Facil

KENTUCKY 4190-4240

Engineering (Agr)-Continued

12I J ROSS PhD Prof Proc 12E M SMITH MS Assoc Prof Farm Mach

3G M TURNER MS Ext Spec Dairy Poultry Facil
12J N WALKER PhD Prof Farm Structures

5L R WALTON MS Res Spec (Adjunct Series) Tobacco Res

12G M WHITE PhD Assoc Prof Elec Power and Proc

5E E YODERMS Res Spec (Adjunct Series) Tobacco Res

1E R YOUNG MSAE Assoc Prof Form Mach

Entomology 4200

123B C PASS PhD Assoc Prof Dept Chmn (606-258-9000 Ext 2735)

2D L DAHLMAN PhD Asst Prof Ins Physiol

2R B DAVIS BS Res Anal Toxicol

2H W DOROUGH PhD Prof Toxicol

12P H FREYTAG PhD Assoc Prof Taxon

3W W GREGORY Jr PhD Asst Ext Prof

2GA JONESMS Res Spec Ins

4F W KNAPP PhD Assoc Prof Med Vet Ent

2J C PARF MA Res Spec Forage Legume Ins

12J G RODRIGUEZ PhD Prof Fruit Veg Ins 3R A SCHEIBNER PhD Assoc Ext Prof Agr Ent

12RICHARD THURSTON PhD Prof Tobacco Ins

12L H TOWNSEND PhD Prof Agr Ent

7H G TILSON MS Dept State Ent Tree Ornam Ins

Extension 4210

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23G D PENDERGRASS MS Dir Mgt Oper

123R R RANTA PhD Dir Agr Pers
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3S H PHILLIPS MS Asst Dir of Ext for Agr

3DORIS A TICHENOR PhD Assoc Dean Sch of Home Econ for Ext Asst Dir of Ext for Home Econ

3H H VAN HORN PhD Asst Dir of Ext for 4-H

3M R BARNETT PhD Area Ext Dir Educ

3B F BROWN MS Area Ext Dir Dairy Prod

3MAURICE COLE MS Area Ext Dir Ext Adm and Prog

3J H EWING Jr BS Area Ext Dir Ext Adm and Prog 3J W KIDWELL MS Area Ext Dir Adult Educ

3J E LAWSON MS Area Ext Dir Adult Educ 3L T LOUDERBACK PhD Area Ext Dir Forage

3H H POPE BS Area Ext Dir Area Studies

3W R SUMMERHILL PhD Area Ext Dir Educ

3P K TEAGUE MA Ext Dir Educ

3J B THORNTON MS Area Ext Dir Educ

3A P UTZ Jr PhD Ass∞ Ext Prof Area Ext Dir

3B E WHEELER MS Area Ext Dir Educ

3L C WHITE MS Area Ext Dir Adm Prog

AGRICULTURE

3S H PHILLIPS MS Asst Dir of Ext for Agr (606-258-9000 Ext 2626)

DEVELOPMENT

3MIKE DUFF PhD Asst Dir of Ext for Devlpmt (606-258-9000 Ext 2627)

23G A ARMSTRONG BS Area Ext Spec Community Res Devlomt

3L D BALL MS Area Ext Spec Adult Educ Community Res Devlpmt

3H E BALL MS Area Ext Spec Educ Community Res ${\rm Devlpmt}$

3J S BAXTER MS Area Ext Spec Tourism and Recreation Community Res Devlpmt

3H B BROWN MS Area Ext Spec Community Res Devlpmt 3W R BRIDGES MS Area Ext Spec Community Res

Devlomt 3B F CAUDILL BS Area Ext Spec Community Res ${\tt Devlpmt}$

3H W COOTSBS Area Ext Spec CommunityRes Devlpmt 3CHARLIE DIXON MS Prog Spec Community Res Devlpmt

3J N FARRIS MS - Area Ext Spec Community Res Devlpmt

Extension-Continued

3A E KILBOURNE BS Area Ext Spec Community Res Devlpmt

3R A MABRY MS Area Ext Spec Educ Community Res Devlomt

3W R MILLER MS Area Ext Spec Community Organ Community Res Devlpmt

3E R NETHERLAND MS Area Ext Spec Community Res Devlomt

3GILBERT SEARS BS Area Ext Spec Agr Econ Community Res Devlpmt

3J A TAYLOR MS Area Ext Spec Adult Educ Community Res Devlpmt

3A B WEBB MS Area Ext Spec Consult Guid Community Res Devlpmt

3REX WESLEY MS Area Ext Spec Ext Educ Community Devlomt

4-H

3H H VAN HORN PhD Asst Dir of Ext for 4-H (606-258-9000 Ext 2618)

3G M BASTIN MS Ext Prog Spec

3FRED BROCKMAN MS Ext Spec Agr Educ

3J C FELTNER MS Ext Prog Spec Agr Educ

3J H HELLER MS Ext Spec Agr Educ

3HELEN HORTON MS Ext Spec Home Mgt Inst Mgt

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3J D NIECEMS Area Ext Spec Educ Admin

3DONNA F ROBERTSON MS Ext Spec Home Econ Child Devlomt

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3DORIS A TICHENOR PhD Asst Dir of Ext for Home Econ (606-258-9000 Ext 2804)

3ESTHER J BROWN BS Area Ext Spec Cloth Text
3REBA K BULLEN MS Area Ext Spec Fam Econ
3Mrs YVONNE Y GILES BS County Ext Agt Home Econ

3Mrs LUCY T HAMMONDS MS Ext Prog Coord Foods Nutr

3Mrs RACHEL D HOPKINS BS Area Ext Agt Home Econ

3Mrs ANN C HOWELL MS Ext Spec Consum Inform

3EVELYN H JOHNSON PhD Asst Ext Prof Ext Spec Food Nutr

3Mrs THELMA B JOHNSON BS Area Ext Agt Foods

3CAROL A KLINE BS Area Ext Agt Foods Nutr

3Mrs CPAL H MANN MS Ext Prog Spec

3Mrs EMMA P MAXFIELD MS Area Ext Agt Foods Nutr

3SHELLA E PROCTOR BS Area Ext Agt Home Furnish 3Mrs MARCY D STEWART BS Prog Spec Home Econ 3WILMA VANDIVER BS Prog Spec Home Econ

Forestry

4220

123THOMAS HANSBROUGH PhD Prof Chmn (606-258-9000 Ext 2620)

120 M DAVENPORT MS Prof Wood Util

1D H GRAVES Res Spec For Mgt
1M C HAMMETTER MS Instr For Mgt

1R L HOWARD BS Instr For Mgt

3J A NEWMAN BS Ext Spec For Mgt

2MILTON NOBLE BS Res Spec For Mgt
2D B RICHARDS PhD Prof For Prod

2R C TANG PhD Asst Prof Wood Phys Wood Sci

Home Economics, School of

4240

13BETTY J BRANNON PhD Prof Dean Sch Home Econ (606-258-9000 Ext 2781)

3DORIS A TICHENOR PhD Assoc Ext Prof Assoc Dean Sch of Home Econ for Ext 12L V PACKETT PhD Assoc Prof Chmn Nutr Food Sci

(606-258**-9000** Ext 2781) 3MARIAN BARTLETT MS Ext Spec Home Furn 3Mrs MARY D BROWDER MS Ext Spec Parent Educ

and Child Devlpmt 3Mrs SUE W BURRIER MS Ext Spec Foods Nutr

12Mrs LINDA L H CHEN PhD Asst Prof Metabolism

3B E COODY PhD Assoc Ext Prof Ext Spec Family Life

12J R FORDHAM PhD Asst Prof Metabolism

Home Economics, School of-Continued

3ELIZABETH HELTON MS Ext Spec Foods and Nutr 3Mrs GLADYS M LICKERT MS Ext Spec Home Mgt 2ABBY L MARLATT PhD Prof Food and Mktg Res 3MARY H MARSHALL BS Ext Spec in Cloth 3Mrs FLORENCE PARKERMS Ext Spec Home Mgt 3KATHRYN G SEBREE MA Ext Spec Home Furn 3GERTRUDE SKERSKI MS Asst Prof Nutr Res 3HELEN M STEVENS MS Ext Spec Home Mgt 3Mrs RACHEL R WALLACE MS Ext Spec Cloth 12Mrs CLAUDIA E WELLS MS Asst Prof Food Technol

4250 **Horticulture**

123H C MOHR PhD Prof Dept Chmn (606-258-9000 Ext

3D A APPS PhD Asst Ext Prof Flor and Ornam

3W D ARMSTRONG MS Ext Spec Fruits (PO Princeton)

2J W BUXTON MS Res Spec Flor

12C E CHAPLIN MS Assoc Prof Fruits

3H W DAVIS MS Ext Spec Veg

12M E FOGLEMAN PhD Asst Prof Veg

3R W HENLEY PhD Asst Ext Prof Flor and Ornam

2T R KEMP PhD Asst Prof Res Veg

12D E KNAVEL PhD Assoc Prot Ved

2A M LASHEEN PhD Assoc Prof Plant Physiol 12R G LOCKARD PhD Assoc Prof Fruit

2D C MARTIN PhD Assoc Prof Hort Proc

2D C MILBOCKER PhD Asst Prof Ornam Weeds

3C R ROBERTS PhD Ext Prof Veg

1HORSTSCHACH MS Instr Ornam

2GW SCHNEIDER PhD Prof Fruits

3R A SHEPHARD MS Area ExtSpec (PO Quicksand)

3L H SMALL BS Area Ext Spec Hort

12L P STCLTZ PhD Assec Pro: Flor and Ornam

4260 Plant Pathology

123STEPHEN DIACHUN PhD Prof Dept Chmn (606-258-9000 Ext 2878)

4% M BROWN PhD Asst Ext Prof Fungal Dis

12R A CHAPMAN FAC Prof Plant Nematol
2J W HENDRIX PhD Assoc Prof Physiol of Plant Dis 2LAWRENCE HENSON MS Assoc Prof Forage Legume Dis

5C C LITTON MS Res Spec (Adjunct Series) Asst Genet of Tobacco Dis

2T P PIRONE PhD Assoc Prof Virol

2M R SEIGEL PhD Assoc Prof Physiol Plant Dis

2J G SHAW PhD Assoc Prof Virol

2G W STOKES PhD Prof Genet of Tobacco Dis

2H E WHEELER PhD Prof Fungal Dis

3AS WILLIAMS PhD Ext Prof Dis Control

2C Y YANG PhD Asst Prof Physiol Plant Dis

Public Information and Educational Aids

23J R RUSSELL AB Dept Chmn (606-258-9000 Ext 2641)

3BLANCHE BUSHONG AB Ext Spec Inform Press

2J G DUNCAN MS Assoc Prof Ed Pub

3Mrs JULIA J HENSLEY BS Ext Spec in TV

3R L REES PhD Ext Spec Radio TV

3G O RUTHERFORD BA Ext Spec Inform Press

3J N SHACKLEFORD Area Agt Inform (PO Quicksand)

3J A SMITH PhD Prof Ed Pub

3J B WILLIAMS MS Ext Spec Vis Aids

4290 Regulatory Services

7A B POUNDSTONE MS Dir (606-258-9000 Ext 2121)

7T W STILL MS Dir Seed Prog

7P R CAUDILL PhD Asst Prof Asst Dir Chem Feed and Fert

7J S HARRISON MS Asst Prof Feed and Fert 7W J HUFFMAN MS Regulatory Spec Feed and Fert

7W L KING BS Regulatory Spec Feed and Fert

7V C MIDKIFF MS Regulatory Spec Chem Feed and Fert

7W K ROBERTSON BS Regulatory Spec Feed and Fert

7J A SHRADER MS Senior Res Anal Feed and Fert

Sociology (Rural) 4300

123W F KENKEL PhD Prof Dept Chmn (606-258-9000 Ext 2118)

2H W BEERS PhD Prof

Sociology (Rural)—Continued

12J S BROWN PhD Prof Migration Regions Instr 12R J BURDGE PhD Asst Prof Recreation Res Use 2C M COUGHENOUR PhD Prof Organ Small Groups 12AL COLEMAN PhD Prof Diffusion of Technol Intergroup Relat

4T R FORD PhD Community Demography Med Social 3R J RAMSEY MA Ext Spec Community Group Dynam Prog Plan

3F A SANTOPOLO PhD Ext Prof Community Social Change Eval

3M E VOLANI Phi Asst Ext Pro: Sociol 5E G YOUMANS PhD Assoc Prof (Adjunct Series) Gerontol Occup Dynamics Educ

4310 Miscellaneous

1CURTE FERGUSON BS Dir of Col Relat 23T P HEAD BS Asst to Dean and Dir 123R RANTA PhD Ext Prof Dir Agr Pers

Veterinary Science

4315

123J H DRUDGE DVM ScD Prof Dept Chmn (606-258-9000 Ext 2692)

2J T BRYANS PhD Prof Microbiol

12M W CROWE DVM Ass∞ Prof Clin Sci 25 D HABBINGTON PhD Asst Prof Nutr

3DE LABORE DVM Assoc Ext Prof Vet Med

2R G LCY PhD Assec Prof Reprod

2E T LYONS PhD Assoc Prof Parasitol

2W H McCOLLUM PhD Prof Microbiol

2D O MORGAN PhD Asst Prof Virol

12M E PRICKETT PhD Asst Prof Path 2T W SWERCZEK PhD Asst Prof Path

2J C WILSON MS Res Spec Virol

3W E WISE DVM Asst Ext Prof Ext Vet

4320 Substations

Robinson Substation (PO Quicksand)

23G A ARMSTRONG BS Supt

Western Kentucky Substation (PO Princeton)

2P P APPEL BS Supt

Kentucky State College, Frankfort, Kentucky 40601 (Main tel 502-223-2052)

1College Staff

4280

4330

1C M HILL PhD Pres ot Col (502-564-6260)

1A J RICHARDS PhD Dean of Col (502-564-6442)

1E W MORRIS EdD Registrar of Col (502-564-6340)

1L E ALEXANDER PhD Prof Biol and Head of Dept 1J B BROWN MA Assoc Prof Chem

1Mrs ORA M CHEANEY MS Asst Prof Home Econ

1W L DIXON MA Assoc Prof Biol 1W J FLEMING PhD Assoc Prof Biol

1Mrs EMILIE S HIGH MA Asst Prof Teacher Trainer and Actg Head of Dept of Home Econ

1RUTH KING MS Instr Cloth

1Mrs C J LEE PhD Asst Prof Home Econ 1J C LETTON PhD Assoc Prof Chem

1E D RAINES PhD Prof and Head of Dept of Chem
1Mrs GERTRUDE L RIDGEL PhD Prof Biol

1A L SURRATT MS Asst Prof Agr (2-yr Prog)

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College, the Agricultural Experiment Station, and the Cooperative Extension Service, University Station, Baton Rouge 70803 (Main tel 504-388-5011)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 9A-TR, M-S Program.

4340-4400 LOUISIANA

4340

1J A HUNTER PhD Pres of Univ Syst

1C G TAYLOR PhD Chanc of Main Campus

1J N EFFERSON PhD Vice Chanc and Dean of Col of Agr (504-388-4161)

1R H HANCHEY PhD Assoc Dean of Col of Agr and Dir of Resident Instr (504-388-2065)

29DOYLE CHAMBERS PhD Dir of Sta (504-388-4181)

3J A COX MS Dir of Coop Ext (504-388-4141)

2H R CAFFEY PhD Assoc Dir of Sta (504-388-4182)

3C E KEMMERLY Jr MS Assoc Dir of Coop Ext

3D H SPURLOCK MS Asst Dir of Coop Ext (Bus and

IN E THAMES MS Asst Dir of Coop Ext (Prog)

10 M COCO BS Comptroller

Agronomy (504-388-2110)

4350

12W H WILLIS PhD Prof Soil Microbiol and Head of Dept 2E H ANDRIES BS Assoc Cotton Brda

2D A ANTIE BS Assoc Soil Phys

2J L BAPTLESON BS Assoc Cotton Brdg

2WP BONNERMS Assoc Soil Test

2R H BRUPBACHER Jr MS Asst Prof Soil Test

3T A BURCHPhD Spec Cotton

12A G CALDWELL PhD Prof Soil Chem

2C R CHANEY BS Assoc Forage Crops 3O D CURTIS MS Assoc Spec Soils

2R D DELAUNE BS Assoc Soil Res 12E P DUNIGAN PhD Asst Prof Soils

2RM ENGLERMS Assoc Soils

2L E GOLDEN PhD Assoc Prof Soil Fert

12M T HENDERSON PhD Prof Genet and Sugarcane Brda

3L C HILL MS Spec Rice Corn and Small Grains

12B J HOFF PhD Asst Prof Rice

2E F JENKINS BS Assoc Soybeans

12J E JONES PhD Prof Brdg Cotton

3D T LOUPE PhD Spec Sugarcane

12S A LYTLE BS Assoc Prof Soil Surv

2P G MARTIN Jr BS Assoc Com 2J BP A MAJOR BS Assoc Cotton Genet 2L F MASON MS Assoc Prof Brdg Com

3L L McCORMICK PhD Spec Chem Weed

1R L MILLER PhD Assoc Prof Field Crops

2C L MONDART Jr PhD Prof Forage Crops

3W E MONROE MS Spec Proj Leader Pasture Forage Crops

2B E NEWMAN MS Assoc Prof Soil Fert and Supt St Gabriel Sta

2A L NUGENT PhD Asst Prof Soil Test

2C R OWEN MS Assoc Prof Brdg Forage Crops

12W H PATRICK Jr PhD Prof Soil Phys

12W J PEEVY PhD Prof Soil Fert
2RAY BICAUD PhD Assoc Prof Soil Fert Sugarcane

12J E SEDBERRY Jr PhD Prof Soil Chem

2F W SELF MS Assoc Prof Brdg Cotton

2G W STRINGFIELD BS Assoc Com

2K W TIPTON PhD Assoc Prof Brda Cotton

2CUFTIS WILLIAMS PhD Asst Prof Soybean Brdg

Animal Science (504-388-2635)

4360

12G L ROBERTSON PhD Prof Physiol and Head of Dept

2L P BERTRAND Assoc Genet

3A D FITZGERALD MS Spec Swine

2W W FORMAN Jr BS Assoc Nutr

12F G HEMBRY PhD Asst Prof Nutr

12P EHUMES PhD Asst Prof Sheep 2C J LeBLANC Assoc Swine

2R J . UCKFTT M. Assoc Meats 12S E McCRAINE MS Prof Horses

3C O McKERLEY MS Spec Horses

2T O McRAE BS Assoc Beef Cattle Brdg

2W D SIMONEAUX BS Assoc Swine
2C B SINGLETARY MS Assoc Prof Beef Cattle (PO Clinton)

12L ISMART PhD Asst Prof Purebred Beef Cattle

2EDWARD SPILLMAN BS Assoc Horses

3J S SULLIVAN Jr PhD Assoc Spec Livestock Testing

12D M THRASHER PhD Prof Anim Nutr

2H H TOLUSSO Jr Assoc Cattle Mgr

Animal Science (504-388-2635)—Continued

12J W TURNER PhD Assoc Prof Brdg and Statis

2M J VASCOCU Assoc

12C K VINCENT PhD Assoc Prof Physiol

3CARROL WILSON PhD Spec Anim Husb (4-H Beef and Sheep)

2A E YOUNG MS Assoc Anim Nutr

Botany and Plant Pathology (504-388-1464)

4380

12S J P CHILTON PhD Prof Plant Path and Chmn of Dept and Head of Plant Path Res

12A A ANTONOPOULOS PhD Asst Prof Plant Pathogenic Funai

2LOUIS ANZALONE Jr PhD Prof Sugarcane Varieties

2L F BAEHR MS Assoc Cotton
12J B BAKER PhD Prof Physiol Weeds

5W B BIRCHFIELD PhD Nematol

1L L BLACK PhD Asst Prof Plant Path 1C A BROWN PhD Prof Taxon Ecol

3R B CARVER PhD Extension Asst

2PEGGY M DENHAM BS Assoc Cotton

2T J DIVITTORIO BS Assoc Pes

1BEATRICE B EXNER PhD Assoc Prof Bot and Anat

12I L FORBES PhD Prof Dis Sugarcame

1J G GOSSELINK PhD Assoc Prof Physiol

12G E HOLCOMB PhD Assoc Prof Dis of Ornam Plants

2J P HOLLIS PhD Prof Nematol

2N L HORN PhD Assoc Prof Fungus and Virus Veg Crops

2G D LINDBERG PhD Assoc Prof Fungus Rice

1BERNARD LOWY PhD Prof Mycol

1W J LUKE PhD Asst Prof Biology 2W J MARTIN PhD Prof Virus and Fungus Sweet-

potatoes 12W C NORMAND PhD Asst Prof Physiol Sugarcane

2E D PALIATSEAS PhD Assoc Prof Brdg Sugarcane

2J A PINCKARD PhD Prof Fungus Cotton

12R L ROGERS PhD Asst Prof Physiol Weeds

1C A SCHEXNAYDER PhD Assoc Prof Bot and Biol

2E R STAMPER MS Prof Weeds Sugarcane

2R J STEIB PhD Prof Virus and Fungus Sugarcane

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2Mrs SY YING C WANG PhD Instr Cotton

2T O WARE BA Assoc Cotton Dis 2S J ZAUMBRECHER BS Assoc Soybeans

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2WILBUR AGUILLARD MS Asst Prof and Supvr of Lab 2Mrs RITA M GRAHAM Assoc Fiber Tech

Dairy Science (504-388-4411)

4390

124J B FRYE Jr PhD Prof Prod and Head of Dept

12A S ACHACOSO PhD Asst Prof Nutr 3H W ANDERSON PhD Spec Proj Ldr (Brdg and Nutr) 2J F BEATTY MS Assoc Physiol

12CECIL BRANTON PhD Prof Brdg and Genet

3G W COOPER MS Area Agent Dairy Mgt 2D L EVANS MS Instr Brdg and Genet

1J H GHOLSON PhD Prof Tech

3BUCK GREEN PhD Spec Prod

1L D GUTHRIE MS Instr Nutr

3BL KILPATRICK MS Assoc Spec Dairy Replacement (4-H)

2J A LEE MS Assoc Physiol

3N J MATHERNE PhD Spec Dairy Records

12J D ORTEGO MS Instr Microbiol

12T E PATRICK PhD Prof Brdg and Physiol

2Mrs MARGARET C PINERO MS Assoc Physiol

12J D ROUSSEL PhD Assoc Prof Physiol 12L L RUSOFF PhD Prof Nutr

1J M TAYLOR BS Assoc Dairy Prod 2W H WATERS BS Assoc Mgt

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Head of Dept 12W H ALEXANDER PhD Prof Dairy Mktg

5BILL BOLTON MS Agr Econ Farm Mgt Prod Econ

12J R CAMPBELL PhD Prof Farm Mgt

3L A CARVILLE MS Assoc Spec Proj Ldr Farm Mgt

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4430

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12JONAS VENGRIS DAgrSci Prof Weed Biol

13M E WEEKS PhD Prof Soil and Crop Spec

13H M YEGIAN MS Asst Prof Plant Genet

12J M ZAK MS Assoc Prof Soil Sci

Plant Pathology

5130

123R A ROHDE PhD Head of Dept
12G N AGRIOS PhD Assoc Prof Virol and Fruit Path

12W M BANFIELD PhD Prof For Puth

13C J GII GUT PhD Prof Plant Path

12F W HOLMES PhD Prof Shade Tree Path

Plant Pathology-Continued

12M A McKENZIE PhD Prof and Dir Shade Tree Lab (s) 12M S MOUNT PhD Asst Prof Plant Dis Physiol and Biochem

Regulatory Services (Feed Fert Dairy Laws Seed Lab) 5160

7J W KUZMESKI BS Prof in Chg

7C H EIBEN MS Asst Prof Seed Control

7MRS GEORGIA P FRENCH MS Instr Feed and Fert

7W C LINCOLN Jr BS Instr Seed Control

7R M MORGAN BS Prof Tech Feed and Fert

17W N RICE PhD Assoc Prof Plant Path and Dir Seed Lab

5170

Veterinary and Animal Sciences 123T W FOX PhD Head of Dept

12DL ANDERSON PhD Assoc Prof Nutr

12DL BLACK PhD Prof Physiol 12W G BLACK PhD Prof Physiol

12ANTHONY BORTON PhD Assoc Prof Physiol

13B E COLBY MS Prof Livestock Spec

1W A CONDON MS Lect Physiol

12R A DAMON Jr PhD Prof Anim Genet and Expt Sta Biomet

1J W DENISON MS Asst Prof Mktg and Mgt THEINRICH FENNER PhD Asst Prof Nutr

123S N GAUNT PhD Prof Genet

13R M GROVER MS Assoc Prof Poultry Spec

7W K HARRIS DVM Prof Vet Microbiol

IW G HIPSLEY BS Staff Asst Equitation

12G R HOWE PhL Assoc Prof Physiol

1LINDA D JASKIEL BA Staff Asst Equitation 13S J LYFORD Jr PhD Asst Prof Nutr

7PEGGY A McCONNELL MS Instr Physiol

7BARBARA A MITCHELL BS Staff Asst and Mastitis Lab Supvr

17IONA M REYNOLDS MS Instr Microbiol 12MARTIN SEVOIAN VMD Prof Vet Path

12R E SMITH VMD Prof Clin Path

7C F SMYSER Jr MS Asst Prof Microbiol 12J R SMYTH JR PhD Prof Avian Genet

12G H SNOEYENBOS DVM Prof Vet Sci

13D N STERN VME Prof Ext Vet

12Mrs OL CAIG WEINACK MC Asst Prof Microbiol

Substations (See also Environmental Sciences Waltham) 5180

Cranberry Station, Glen Charlie Roud, East Wareham 02538 (617-295-2212)

123C E CROSS PhD Head of Dept

3I E DEMORANVILLE MS Asst Prof and Cranberry Spec

2K H DEUBERT PhD Asst Prof Biochem 2R M DEVLIN PhD Assoc Prof Plant Physiol

23J S NORTON MS Assoc Prof Agr Engin 23W E TOMLINSON MS Prof Ent

2B M ZUCKERMAN PhD Prof Plant Path

MICHIGAN

The College of Agriculture and Natural Resources, The Agricultural Experiment Station, The Cooperative Extension Service, the Colleges of Education (Agr), Human Ecology, Natural Science (Bot and Plant Path, Ent), Social Science (Sociol), Veterinary Medicine of Michigan State University, Fast Lansing 48823 (main tel 517-355-1855)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop AEC 7Misc 9A-TR, M-S Program

5190

1C R WHARTON Jr PhD LLD Pres of Univ (517-355-6560)

1L L BOGER PhD Dean of Col of Agr and Natural Resources (517-355-0232)

1D L ARMSTRONG PnD Asst Dean of Col of Agrand Natural Resources and Dir of Res Instr (517-355-0234)

5190-5230 MICHIGAN

29S H WITTWER PhD Asst Dean of Col of Agr and Natural Resources and Dir of Expt Sta (517-355-01231

2.J A HOEFER PhD Assoc Dir of Expt Sta (517-355-0123)

3G S McINTYRE BS Asst Dean of Col of Agr and Natural Resources and Dir of Ext Serv (517-355-2308)

123R E WILKINSON BA Vice Pres for Bus and Finance-Treas (517-355-5014)

IM E MUELDER PhD Vice Pres for Res Devlpmt and Advanced Grad Studies (517-355-0300)

Animal Husbandry

5200

1R H NELSON PhD Prof and Chmn of Dept Anim Brdg (517-355-8384)

12W G BERGEN PhD Asst Prof Anim Nutr

3G L BLANK MS Prof Sheep

2L J BRATZLER MS Prof Meats

12R J DEANS PhD Assoc Prof Meats

3R J DUNN PhD Asst Prof Anim Brdg 1B H GOOD MS Prof and Supt of Farm

23T R GREATHOUSE PhD Prof Beef Cattle

23H E HENDERSON PhD Prof Beef Cattle Physiol

13H A HENNEMAN PhD Prof Anim Husb Physiol

2J A HOEFER PhD Prof Swine Nutr

12W T MAGEE PhD Prof Anim Brdg 12R A MERKEL PhD Prof Meats

123EC MILLER Jr MS Prof Swine 12ER MILLER PhD Prof Anim Nutr

13H D RITCHIE PhD Ass∞ Prof Livestock Nutr

12D E ULLREY PhD Prof Anim Nutr

Biochemistry

5210

5220

12W A WOOD PhD Prof and Chmn of Dept (517-355-1600)

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12S DAUST PhD Asst Prof

12E J BENNE PhD Prof

12L L BIEBER PhD Assoc Prof

12J A BOEZI PhD Assoc Prof

1R U BYERRUM PhD Prof

12W CDEAL PhD Assoc Prof 12R J EVANS PhD Prof

12J L FAIRLEY Jr PhD Prof 16PHILIP FILNER PhD Assoc Prof

12J F HOLLAND MS Instr 12P K KINDEL PhD Assoc Prof

7HYRAM KITCHEN PhD Ass∞ Prof

12H A LILLEVIK PhD Assoc Prof

12R W LUECKE PhD Prof

12A J MORRISPhD Assoc Prof 12R A RONZIO PhD Asst Prof

12F M ROTTMAN PhD Assoc Prof

12H M SELL PhD Prof

12J C SPECK Jr PhD Prof

12C H SUELTER PhD Prof 12C C SWEELEY PhD Prof

12N E TOLBERT PhD Prof

1ALEXANDER TULINSKY PhD Prof

16JE VARNER PhD Prof

12W W WELLS PhD Prof 12J E WILSON PhD Asst Prot

Botany and Plant Pathology (Natural Sci)

12W B DREW PhD Prof and Chmn of Dept Econ Bot Plant Ecol (517-355-4680)

3A L ANDERSEN PhD Prof Plant Path
1R S BANDURSKI PhD Prof Plant Biochem Enzym Physiol

IJ H BEAMAN PhD Prof Taxon Vascular Plants

1E SBENEKE PhD Prof Mycol Med Mycol

1E C CANTINO PhD Prof Morphogen Plant Biochem Mycol

1AUREAL CROSS PhD Prof Palynol

12D J deZEEUW PhD Prof Plant Path

12A H ELLINGBOE PhD Assoc Prof Plant Path Genet of Fungi

IW G FIELDS PhD Asst Prof Mycol

12N E GOOD PhD Prof Plant Biochem Physiol

Botany and Plant Pathology (Natural Sci)-Continued

4J H HART PhD Assoc Prof Plant Path (For and Shade Tree Dis)

12W J HOOKER PhD Prof Plant Virol Plant Path

23G R HOOPER PhD Asst Prof Plant Path Small Fruit Dis

1H A IMSHAUG PhD Prof Mycol Taxon of Lichens

23A L JONES PhD Asst Prof Plant Path (Stone Fruit Dis)

16MICHAEL JOST PhD Asst Prof Fine Structures 16H J KENDE PhD Prof Plant Res Lab Plant Physiol Growth Subs

2ALEKSANDER KIVILAAN PhD Asst Prof Plant Physiol

123E J KLOS PhD Prof Plant Path

11 W KNOBLOCH PhD Prof Toxon Cytol of Fems

12M L LACY PhD Asst Prof Plant Path

16ANTON LANG DrNAT SCI Prof Dir Plant Res Lab Plant Physiol

4J L LOCKWOOD PhD Prof Plant Path Ecol Soil Microfl

1L W MERICLE PhD Prof Radiation Bot Genet Devlpmt Higher Plants

1BRIAN MOSS PhD Asst Prof Phycol

2H H MURAKISHI PhD Prof Plant Virol Path

1P G MURPHY PhD Asst Prof Ecology 1K D NADLER PhD Asst Prof Plant Physiol

1C J POLLARD PhD Assoc Prof Plant Biochem Physiol

23H S POTTER PhD Assoc Prof Plant Path

25A W SAETTLER PhD Asst Prof Plant Path (Bact Dis Beans)

12R P SCHEFFER PhD Prof Plant Path (Host Parasite Relat)

25C L SCHNEIDER PhD Asst Prof Plant Path (Root Dis Sugarbeets)

3N A SMITH PhD Assoc Prof Plant Path

1S N STEPHENSON PhD Asst Prof Plant Ecol

1WILLIAM TAI PhD Asst Prof Cytogenet

12J M VARGAS Jr PhD Asst Prof Plant Path (Dis Sod Turf)

2M V WIESE PhD Asst Prof Plant Path (Dis of Wheat)

16L G WILSON PhD Assoc Prof Asst Dir Plant Res Lab Plant Physiol

1P C WOLK PhD Asst Prof Plant Biochem Physiol of Algae

16J A D ZEEVAART PhD Assoc Prof Plant Res Lab Plant Physiol

Crop and Soil Science

5230

1D D HARPSTEAD PhD Prof and Chmn of Dept (517-355-0262)

12M W ADAMS PhD Prof Plant Brdg and Genet

12J B BEARD PhD Assoc Prof Environ Phys and Turf 23R W CHASE PhD Assoc Prof Plant Phys

23D RCHRISTENSON PhD Asst Prof Soil Fert Mgt 13L O COPELAND PhD Asst Prof Seed Impr

2C E CRESS PhD Ass∞ Prof Plant Sci Statis 12J F DAVIS PhD Prof Soil Fert Mgt

3J L DEMETERIO PhD Ext Spec Soil Chem

123E C DOLL PhD Prof Soil Fert Mgt

12R L DONAHUE PhD Prof Soil Fert Mgt

12B G ELLIS PhD Prof Soil Fert Mgt Soil Chem

12F C ELLIOTT PhD Prof Plant Brdg and Genet

3M H ERDMANN PhD Prof Crop Prod

12A E ERICKSON PhD Prof Soil Chem Soil Phys 12E H EVERSON PhD Prof Plant Brdg and Genet

12H DECTH PhD Prof Soil Fert Mgt Soil Genesis Classif and Mapping

12J E GRAFIUS PhD Prof Plant Brdg and Genet

12C M HARRISON PhD Prof Crop Prod 3S C HILDEBRAND MS Assoc Prof Crop Prod

125G J HOGABOAM PhD Agron-Asst Prof (Plant Brdg and Genet) Collab

12T J JOHNSTON PhD Asst Prof Crop Prod

12B D KNEZEK PhD Assoc Prof Soil Fert Mgt and Soil Chem

2H L KOHLS MS Asst Prof Crop Prod

2R J KUNZE PhD Prof Soil Chem
3R E LUCAS PhD Prof Soil Fert Mgt

123W F MEGGITT PhD Prof Phys and Weed Control

MICHIGAN 5230-5270

Crop and Soil Science-Continued

12M M MORTLAND PhD Prof Soil Chem Phys Chem

3L V NELSON MS Prof Crop Prod 125C R OLIEN PhD Agron-Assoc Prof (Cereal Invest) Collab

12K TPAYNE PhD Prof Plant Brdg

2D P PENNER PhD Asst Prof Weed Physiol

23D J REID PhD Asst Prof Crop Prod

12P E RIEKE PhD Assoc Prof Soil Fert Mgt

123L S ROBERTSON PhD Prof Soil Fert Mgt

12E C ROSSMAN PhD Prof Plant Brdg and Genet 12I F SCHNEIDER BS Assoc Prof Soil Genesis Classif and Mappina

3Mrs LINDA L SHEARMAN MS Instr

13J C SHICKLUNA PhD Prof Soil Fert Mgt Soil Chem

125D H SMITH PhD Asst Prof Res Genet (Cereal Leaf Beetle Invest)

125F W SNYDER PhD Plant Physiol-Asst Prof (Sugar Plant Invest) Collab

12M B TESAR PhD Prof Pasture and Forage Crops

12N R THOMPSON PhD Prof Plant Brdg and Genet

12J M TIEDJE PhD Asst Prof Soil Microbiol

2C R TRUPP PhD Asst Prof Plant Brdg and Genet
23M L VITOSH PhD Asst Prof Soil Fert Mgt

12E. P WHITESIDE PhD Prof Soil Genesis Classif and Mappina

12A R WOLCOTT PhD Prof Soil Bact

5240 Dairy

1C A LASSITER PhD Prof and Chmn of Dept (517-355-8433)

1D V ARMSTRONG MS Dairy Farm Mgr

123L J BOYD PhD Prof Physiol
12J H BRITT PhD Asst Prof Physiol

12E M CONVEY PhD Asst Prof Physiol

12R M COOK PhD Assoc Prof Nutr 12R S EMERY PhD Prof Nutr

12J L GILL PhD Assoc Prof Statis Genet 12H D HAFS PhD Prof PhysioI

23DONALD HILLMAN PhD Assoc Prof Nutr

12J T HUBER PhD Asst Prof Nutr

23L A JOHNSON PhD Assoc Prof Records

23C J LITTLE MS Asst Prof and Supt Upper Peninsula Expt Sta (PO Chatham) Nutr

12L D McGILLIARD PhD Prof Brdg

23C E MEADOWS PhD Prof Brdg

3D L MURRAY MS Prof Sanit

23A E SHAPLEY PhD Asst Prof Mgt 1234J A SPEICHER PhD Assoc Prof Mgt

23P W SPIKE PhD Asst Prof Dairy Records

23A J THELEN DHIA Supvr Computer Ctr

12J W THOMAS PhD Prof Nutr 12H A TUCKER PhD Assoc Prof Physiol

3M A WILSON MS Field Dairyman Records

5250 Economics (Aar)

1D E HATHAWAY DPA Prof and Chmn of Dept (517-355-4567)

1D L ARMSTRONG PhD Assoc Prof Farm Mgt Prod Econ

3J R BLACK PhD Asst Prof Farm Mgt

1L L BOGER PhD Prof Prices and Mktg

12J T BONNEN PhD Prof Agr Mktg Public Policy

2J R BRAKE PhD Prof Farm Mat

3L H BROWN PhD Prof Form Mgt

5D G CARVEY BS Agr Econ Res Econ

23D L COLE PhD Asst Prof Agr Mktg

2L J CONNER PhD Assoc Prof Farm Mgt

4T K COWDEN PhD Prof Agr Policy and Mktg

13G K DIKE PhD Assoc Prof Grain Mktg

3J C DONETH MS Prof Farm Mgt 5R D DUVICK MS Agr Econ Res Econ

12C K EICHER PhD Assoc Prof Internati Trade Econ Agr Devlpmt

12J N FERRIS PhD Assoc Prof Outlook and Prices

12R L GUSTAFSON PhD Prof Agr Econometrics

5DUANE HACKLANDER MS Agr Econ Res Econ

7K M HARRISON PhD Asst Prof Internatl Mktg and Econ Devlpmt

3S B HARSH PhD Asst Prof Farm Mgt
5R T HARTWIG MS Assoc Prof (PO Marquette) Farm Mgt

Economics (Agr)-Continued

2M L HAYENGA PhD Asst Prof. Agr Mktg

3R E HEPP PhD Asst Prof Form Mgt

2C R HOGLUND MS Prof Farm Mat Forage Econ

5JOHN HOSTETLER MS Agr Econ Land Econ

3A E HOUSE PhD Assoc Prof Public Policy

12G L JOHNSON PhD Prof Prod Econ Form Mgt
13M P KELSEY PhD Assoc Prof Form Credit and Mgt

13L R KYLE PhD Prof Farm Mgt Crop Syst and Cost Studies

123H E LARZELERE PhD Prof Egg and Poultry Mktg

12L V MANDERSCHEID PhD Prof Price Anal

23GLYNN MCBRIDE PhD Prof Dairy Mktg 5W T MILLER BS Agr Econ Land Econ

6DANIEL PIPER MS Agr Econ Land Econ 5R W RHOADE PhD Agr Econ Res Econ

2D J RICKS PhD Assoc Prof Mktg and Price Anal
12H M RILEY PhD Prof Mktg Livestock Econ Devlpmt

3G E ROSSMILLER PhD Asst Prof Farm Labor Mgt

SCARMAN SANDRETTO MS Agr Econ Land and Water Res

12A A SCHMID PhD Prof Land Econ Political Econ

12J D SHAFFER PhD Prof Mktg Consum Behavior

12V L SORENSON PhD Prof Agr Bus Mgt

2R D STEVENS PhD Assoc Prof Internati Trade Econ of Agr Devlpmt

5S H STIPE MS Agr Econ Land Econ

3D W STURT PhD Prof Farm Labor Mgt

3W A TINSLEY PhD Assoc Prof Farm Mgt
12ORION ULREY PhD Assoc Prof Coop Bus and Rural Devlpmt

5JAMES VERTREES MS Agr Econ Res Econ

IW H VINCENT PhD Prof Farm Mgt

12L W WITT PhD Prof Internatl Trade

3G P WOOD PhD Prof Public Policy Latin Amer Studies

12K T WRIGHT PhD Prof Cost Studies

3MARY D ZEHNER MS Consum Mktg Ext Spec

Education, College of

5260

1C H GROSS PhD Prof and Chmn Dept of Secon Educ and Curriculum (517-355-169I)

1J F BOBBITT EdD Asst Prof Agr Educ

INORMA S BOBBITT EdD Asst Prof Home Econ

1LAWRENCE BOROSAGE PhD Prof Indus Educ

1T W BURT MA Instr Indus Educ 1H M BYRAM PhD Prof Agr Educ

1ALBERTA M DOBRY MA Instr Home Econ

1R E DYSON MA Instr Indus Educ

14G W FERNS PhD Prof Indus Educ

IR A GARNER PhD Assoc Prof Agr Educ 1PETER HAINES PhD Prof Bus Educ

IVIRGINIA B KOZLOWSKI MA Instr Home Econ

1C B MacLEAN PhD Assoc Prof Indus Educ 10 D MEADERS EdD Prof Agr Educ

1R P POLAND PhD Assoc Prof Bus Fduc 1H P SWEANY PhD Prof Agr Educ

IG E TIMMONS EdD Prof Agr Educ

1ELAINE FUTHE PhD Asst Prof Bus and Distributive Educ

1HAROLD WALLACE PhD Assoc Prof Distributive Educ

Engineering (Agr)

5270

1B A STOUT PhD Prof and Chmn of Dept (517-355-4720)

1C F ALBRECHT MA Assoc Prof Agr Mech Coord 12F W BAKKER-ARKEMA PhD Assoc Prof Proc and

Drying 12W G BICKERT PhD Assoc Prof Elec Power and Proc

13J S BOLEN MS Instr Farm Equip Serv and Sales Coord
123J S BOYD PhD Prof Structures

1J B BOZUNG BS Tech Power Mach

5G K BROWN MS Fruit and Veg Mach

3B F CARGILL PhD Assoc Prof Fruit and Veg Mech

123W O CARVER MS Droftsman

3H J DOSS BS Ext Spec Manpower

3C M EDWARDS MS Assoc Prof Home Engin

123M L ESMAY PhD Prof Structures

12D L FARMERMS Instr Mach

12C M HANSEN MA Prof Power and Mach

12D RHELDMAN PhD Assoc Prof Proc

5270-5352 MICHIGAN

Engineering (Agr)—Continued	Extension—Continued		
123P D HOCK Tech Instruments	3MARY J E WOODWARD MA Asst Prof and Prog Ldr		
12J B HOLTMAN PhD Asst Prof Syst	4-H Youth Prog		
1D M KAMPE MS Asst Prof Mach	(Family-Living Education)		
123E H KIDDER MS Prof Soil and Water	3Mrs LOIS H HUMPHREY PhD Prog Dir Fam Living		
5J H LEVIN MS Fruit and Veg Harvest Invest (Entire	Educ		
US)	3Mrs ARVELLA G CURTIS MA Prog Ldr Fam Living		
3L A MACK MS Youth Prog 12C J MACKSON PhD Prof Power and Mach	Educ		
3R L MADDEX MS Prof Proc Dry and Structures	3Mrs GAIL LIMIG MA Prog Ldr Fam Living Educ		
5DALE MARSHALL MS USDA Invest	3BETTY M KETCHAM MS Prog Ldr Family Living		
12G EMERVA PhD Assoc Prof Hydrol	Educ (Marketing)		
12P O NGODDY PhD Asst Prof	3G T STACHWICK MS Prog Dir Mktg		
1F V NURNBERGER MS Instr Environ	(Resource Development)		
3RJ PATTERSON MS Instr Mktg Process and Facilities	3E G OLSTROM MS Assoc Prof Prog Dir Resource		
3R G PFISTER PhD Assoc Prof Safety	Devlpmt		
12L K PICKETT PhD Asst Prof Mach			
2KLAUS RASCHKE PhD Prof Plant Environ	FIELD OPERATIONS		
126N D STROMMEN MS Asst Prof Microclimatol	3F A MADASKI MS Assoc Profond Asst Field Oper Dir		
13T C SURBROOK MS Instr Elec Power	3F J MOLINARE MS Asst Field Oper Dir		
5B R TENNES MS Fruit and Veg Mach	3G E PARSONS MS Prof Asst Field Oper Dir		
3R G WHITE MS Assoc Prof Power and Mach			
1R H WILKINSON PhD Asst Prof Power and Mach	INSTITUTION FOR EXTENSION PERSONNEL DEVELOP-		
5R J WOLTHUIS BS Engin Aid	MENT		
Entomology (Col of Natural Sci) 5280	1234M E MILLER PhD Asst Prof Dir Inst for Ext Pers		
12G E GUYER PhD Prof and Chmn of Dept	Devlpmt		
Agua and Veg Insects (517-355-4665)	3PATRICIA J LaFLAME MS Ext Spec Educ Media for Ext Pers Devipmt		
2JAMES BATH PhD Assoc Prof Ins Vector Plant Dis	Ext Pets Devipmt		
Ornam	Food Science 5310		
12J W BUTCHER PhD Prof For Ins	12B S SCHWEIGERT PhD Prof and Chmn of Dept		
25R V CONNIN MS Asst Prof Ins Recging	Biochem and Nutr Meat Prod (517-355-8475)		
3D C CRESS PhD Asst Prof Veg Anim Household Pests	12C L BEDFORD PhD Prof Fruit and Veg Prod		
1K W CUMMINS PhD Assoc Prof Aquatic Ins Ins	12G A BORGSTROM PhD Prof Fruit Veg and Fish Prod		
Ecol and Limnol	12L J BRATZLER MS Prof Meat Prod		
1R L FISCHER PhD Prof Taxon	12JR BRUNNER PhD Prof Dairy Prod		
12D L HAYNES PhD Asst Prof Pop Ecol	12L E DAWSON PhD Prof Poultry Prod		
2J R HOFFMAN PhD Assoc Prof Accord	12L R DUGAN Jr PhD Prof Lipid Chem		
1ROGER HOOPINGARNER PhD Assoc Prof Physiol	12L G HARMON PhD Prof Dairy Prod		
2A J HOWITT PhD Prof Fruit Ins	12T I HEDRICK PhD Prof Dairy Prod		
2J A KNIERIM PhD Asst Prof Nematol	12D R HELDMAN PhD Assoc Prof Food Engin		
3C W LAUGHLIN PhD Asst Prof Nematol 2N C LEELING PhD Asst Prof Toxicol	12J M JENSEN MS Assoc Prof Dairy Prod		
123E C MARTIN PhD Prof Apic	12R V LECHOWICH PhD Prof Food Microbiol		
2R E MONROE PhD Asst Prof Ins Toxicol	12PERICLES MARKAKIS PhD Prof Fruit and Veg Prod 12R A MERKEL PhD Prof Meat Prod		
1H D NEWSON PhD Asst Prof Medical Ent	12R C NICHOLAS PhD Prof Food Engin		
23R F RUPPEL PhD Prof Field Crops Ins	12A M PEARSON PhD Prof Meat Prod		
3R J SAUER PhD Asst Prof Youth Ed Survey Spider	123J F PRICE PhD Assoc Prof Meat and Poultry Prod		
Ecol	13A L RIPPEN MS Prof Dairy Prod		
1G C SPINK PhD Asst Prof Cytol and Electron Micro-	12C M STINE PhD Prof Dairy Prod		
scopy	12W M URBAIN PhD Prof Meat Prod and Food Engin		
1F W STEHR PhD Asst Prof Ins Ecol	123THEODORE WISHNETSKY PhD Assoc Prof Fruit and		
3W E WALLNER PhD Assoc Prof Ornam Household	Veg Prod		
25J A WEBSTER PhD Asst Prof Host Plant Resistance			
25S G WELLSO PhD Asst Prof Physiol			
	Human Ecology, College of 5352		
23M J ZABIK PhD Assoc Prof Toxicol	IJEANETTE A LEE MS Profond Decon Foods cond Nutr		
_	1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714)		
Extension 5290	1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res		
Extension 5290 ADMINISTRATION	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean 		
Extension 5290 ADMINISTRATION	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext (517-355-2308)	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext (517-355-2308) 3D A CAUL PhD Assoc Prof and Prog Coord	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ 1Mrs BEATRICE LEONARDSON MS Coord of Cont Educ 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext (517-355-2308) 3D A CAUL PhD Assoc Prof and Prog Coord 3H L MILLER PhD Assoc Prof and Ext Mgt Inform Syst 3F J PEABODY PhD Assoc Prof and Pers Dir	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ 1Mrs BEATRICE LEONARDSON MS Coord of Cont Educ Cloth and Text 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext (517-355-2308) 3D A CAUL PhD Assoc Prof and Prog Coord 3H L MILLER PhD Assoc Prof and Ext Mgt Inform Syst 3F J PEABODY PhD Assoc Prof and Pers Dir FINANCE	 1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ 1Mrs BEATRICE LEONARDSON MS Coord of Cont Educ Cloth and Text 1Mrs JEAN R PAGE MA Instrand Asst to Dean Home Econ Educ 		
Extension 5290 ADMINISTRATION 3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext (517-355-2308) 3D A CAUL PhD Assoc Prof and Prog Coord 3H L MILLER PhD Assoc Prof and Ext Mgt Inform Syst 3F J PEABODY PhD Assoc Prof and Pers Dir	1JEANETTE A LEE MS Prof and Dean Foods and Nutr (517-355-7714) 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr 1ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ 1Mrs BEATRICE LEONARDSON MS Coord of Cont Educ Cloth and Text 1Mrs JEAN R PAGE MA Instrand Asst to Dean Home Econ Educ FAMILY AND CHILD SCIENCES		
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12I L DAHLJELMS MS Asst Prof Bact

1C WESCH PhD Asst Prof Parasitol
1R WHINZ PhD Assoc Prof Virol

1J J KOWALSKI DVM PhD Asst Prof Microbiol

IW N MACK PhD Prof Virol

12Mrs VIRGINIA H MALLMANN PhD Assoc Prof Bact

1N B McCULLOUGH PhD MD Microbiol and Med

1R J MOON PhD Asst Prof Bact

1F R PEABODY PhD Assoc Prof Bact

12MARVIS A RICHARDSON PhD Assoc Prof Bact

4H L SADOFF PhD Prof Bact

12C L SAN CLEMENTE PhD Prof Bact

1EVELYN SANDERS PhD Assoc Prof Bact
12D E SCHOENHARD PhD Prof and Asst Chmn of Dept Microbiol

12LOREN SNYDER PhD Asst Prof Microbiol

1J M TIEDJE PhD Asst Prof Microbiol
1D W TWOHY DSc Asst Prof Parasitol

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PATHOLOGY

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1D F COWAN MD Asst Prof Anim Behavior Compar Path

1A W DADE DVM PhD Asst Prof Diag Vet Path 1G C JERSEY DVM MS Instr Vet Clin Path

1Mrs MARGARET JONES MD Asst Prof Human Path

1K K KEAHEY DVM PhD Prof Diag Vet Path

Veterinary Medicine, College of-Continued

1R F LANGHAM DVM PhD Prof Histopath Oncology

1A E LEWIS MD MA Prof Human Clin Path

1Mrs JOAN C MATTSON MD Asst Prof Human Path 1R L MICHEL DVM PhD Assoc Prof Vet Clin Path

1C H SANDER MD Assoc Prof Human Path Oncology

12V L SANGER DVM PhD Prof Vet Path
12S D SLEIGHT DVM PhD Prof Vet Path

1Mrs MARTHA T THOMAS BS Instr Path Med Technol

1A L TRAPP DVM PhD Prof Diag Vet Path

124G L WAXLER DVM PhD Prof Vet Path

12C K WHITEHAIR DVM PhD Prof Nutr Path
1D L WHITENACK DVM MS Instr Diag Vet Path

PHARMACOLOGY

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1J R CROUT MD Prof Pharmacol

1G L GEBBER PhD Assoc Prof Pharmacol

1J E GIBSON PhD Asst Prof Pharmacol 1J B HOOK PhD Asst Prof Pharmacol

1J H McNEILL PhD Asst Prof Pharmacol

1K E MOORE PhD Prof Pharmacol
1D A REINKE PhD Asst Prof Pharmacol

1THOMAS TOBIN DVM PhD Inst Pharmacol

PHYSIOLOGY

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1C C CHOU MD PhD Assoc Prof 1J M DABNEY PhD Prof

IR M DAUGHERTY Jr MD PhD Assoc Prof

1T E EMERSON Jr PhD Assoc Prof

1W L FRANTZ PhD Assoc Prof

12P O FROMM PhD Prof

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1J R HOFFERT PhD Assoc Prof

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12JOSEPH MEITES PhD Prof

1H W OVERBECK MD PhD Assoc Prof

12E P REINEKE PhD Prof 1G D RIEGLE PhD Ass∞ Prof

1J M SCHWINGHAMER PhD Asst Prof

1J B SCOTT Jr PhD Assoc Prof 1B H SELLECK PhD Asst Prof

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SMALL ANIMAL SURGERY AND MEDICINE

1WF KELLER DVM MS Prof and Chmn of Dept (517-355-6450)

1G L BLANCHARD DVM Instr Small Anim Surg and Med 1T D BRADEN DVM Instr (Resident) Small Anim Surg and Med

1WO BRINKER DVM MS Prof Small Anim Surg and Med ıCHERYL L CHRISMAN DVM Instr (Resident) Small

Anım Surg and Med $1\mbox{\tt J}$ B DALLEY DVM MS $\,$ Asst Prof Small Anim Surg and Med

1R M DIMON DVM Instr Small Anim Surg and Med

1A T EVANS DVM Instr Small Anim Surg and Med

 ${\tt 1G} \; {\sf E} \; {\sf FYSTER} \; {\sf DVM} \; {\sf MS} \; \; {\sf Asst} \; {\sf Prof} \; {\sf Small} \; {\sf Anim} \; {\sf Surg} \; {\sf and} \; \;$ Med

1GRETCH IN FLO DVM MS Instr Small Anim Surgand Med

1R W HINZ PhD Assoc Prof Small Anim Surg and Med

1D J KRAHWINKEL DVM Instr Small Anim Surg and Med

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and Med 1CHRISTINE C RATKE DVM Instr Small Anim Surg and Med

1D C SAWYER DVM PhD Assoc Prof Small Anim Surg and Med

1R G SCHIRMER DVM MS Prof Small Anim Surg and Med

Miscellaneous 5440 Resource Planning and Conservation-Continued 1R C CHAPIN PhD Dir of Librs IS D MARQUIS MS Assoc Prof Planning 1D N MICHAEL PhD Prof Planning and Public Policy 3J T COX MLA Assoc Prof Urban Plan and Landsc 1P H RAY BA Lect Resource Planning and Conserv 2G C LUEHRS MA Budget Asst (Expt Sta) 1GUNTER SCHRAMM PhD Assoc Prof Res Econ Substations 5450 1W B STAPP PhD Assoc Prof Resource Planning and Dunbar For Expt Sta (PO Sault Ste Marie) Conserv 12M W DAY MS Asst Prof and Supt 1J A SWAN PhD Lect Resource Planning and Conserv Graham Hort Expt Sta (2989 Lake Michigan Dr NW Grand IS R TOCHER PhD S T Dana Prof Outdoor Recr 1R G TOZER BA Lect Natural Resources Rapids) 2JOHN GILMORE Supt Hidden Lake Gardens (PO Tipton) Wildlife and Fisheries 5455 1F W FREEMAN MS Asst Prof and Curator 1J A KADLEC PhD Assoc Prof Wildlife Mgt and Chmn Lake City Expt Sta (PO Lake City) Dept 2ROBERT DEBOER Foreman 11 F RARDACH PhD Prof Natural Resources South Haven Hort Expt Sta (PO South Haven) 1A B COWAN PhD Assoc Prof Wildlife Mgt IF F HOOPER PhD Prof Wildlife Mgt and Fisheries 2R L ANDERSEN Asst Prof and Supt Upper Peninsula Expt Sta (PO Chatham) 1G S HUNT PhD Assoc Prof Wildlife Mgt 23CHARLES LITTLE MS Asst Prof and Supvr 1K F LAGLER PhD Prof Fish W K Kellogg Sta (PO Augusta) 1D RMcCULLOUGH PhD Assoc Prof Wildlife Mgt 1H F WEBSTER MS Supt 1J T McFADDEN PhD Prof Wildlife and Fisheries IR L PATTERSON PhD Prof Natural Resources 1J A VAN COEVERING AB Adj Prof Wildlife and Fish School of Natural Resources, the University of Michigan, Ann Arbor 48104 (313-764-1817) 1College Staff 9A-TB, M-S Program 4 Leave of Absence School of Forestry and Wood Products, Michigan Technological University, Houghton 49931 (Main tel: 906-5457 482-1600) 1R W FLEMING LLB Pres Univ (313-764-6270) 1College Staff 5Coop USDA 9A-TR, M-S Program 19J T McFADDEN PhD Dean Natural Resources (313-764-2550) 5456 1S H SPURR PhD Dean Grad School (313-764-4400) IR L SMITH PhD Pres of Univ (906-487-2200) 1E A WOODMAN MF Asst to Dean and Asst Prof Natural 1D W STEBBINS PhD Vice Pres of Academic Affairs Resources (313-764-1404) (906-487-2440) IN K PIERPONT PhD Vice Pres Bus and Finance (313-1T P EVANS ME Dir of Res (906-487-2225) 1E A BOURDO Jr PhD Dean Sch of For and Wood 764-7272) 1A G NORMAN PhD Vice Pres Res (313-764-1185) Prod(s) (906-487-2450) 5452 Forestry 5457 1H L MORTON PhD Asst Prof For Path and Chmn Dept 159G A HESTERBERG PhD Prot For Path and Dept Head 1B V BARNES PhD Prof For (906-487-2454) 1J R BASSETT PhD Assoc Prof For 1W R BENTLEY PhD Assoc Prof Mgt Sci 1G P BRUNEAU MWT Asst Prof Wood Sci and 1C R CROWTHER MS Assoc Prof Silvic IV W JOHNSON MS Prof For Mgt 1M F JURGENSEN PhD Asst Prof Soils Technol 1R K MILLER MS Asst Prof For Mat 1JOHN CAROW MF Prof For Mgt
1B L DRIVER PhD Asst Prof Outdoor Recr Studies ILAWRENCE RAKESTRAW PhD Prof For Hist 1R L SAJDAK MS Asst Prof Dendrol
IN F SLOAN PhD Assoc Prof For Ent 1GW FOWLER PhD Asst Prof Biometry 1H M STEINHILB MS Prof For Mgt 1G R GREGORY PhD G W Pack Prof Resource Econ 14F B KNIGHT DF Prof For 1BERNARD C-H SUN PhD Asst Prof Wood Sci and Tech 1H L MORTON PhD Asst Prof For Path IW R WYND PhD Assoc Prof For Econ IC E OLSON PhD Assoc Prof Natural Resources

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Conserv

MINNESOTA 5465-5520

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

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5465

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Agronomy and Plant Genetics

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Animal Science 5480

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3R L ARTHAUD PhD Prof Ext Swine Nutr and Mgt

23R W BERG PhD Prof and Ext Spec Poultry Genet

12W J BOYLAN PhD Assoc Prof Anim Brdg and Genet

12W H BURKE PhD Asst Prof Physiol

13C J CHRISTIANS PhD Assoc Prof Ext Anim Brdq

3B J CONLIN PhD Assoc Prof Ext Dairyman

12J D DONKER PhD Prof Ruminant Nutr

23R J EPLEY PhD Asst Prof and Ext Spec Meats

12R D GOODRICH PhD Assoc Prof Ruminant Nutr

Animal Science-Continued

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12R S GRANT MS Prof Dairy Mgt

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12L E HANSON PhD Prof Anim Nutr and Environ
23J C HAWTON PhD Asst Prof and Ext Swine Nutr

12A G HUNTER PhD Prof Physiol

3R E JACOBS MS Prof Ext Beef and Sheep Nutr and Mat

123R M JOREAN PhD Prof Ruminant Nutr and Mgt and Ext Horse Spec

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12R J MEADE PhD Prof Anim Nutr

12J C MEISKE PhD Prof Ruminant Nutr and Mgt

12G E MILLER PhD Asst Prof Physiol

2K P MILLER PhD Assoc Prof Anim Sci

3J W MUDGE PhD Assoc Prof Ext Dairyman

12J W NORDSTROM PhD Asst Prof Anim Nutr

12D E OTTERBY PhD Assoc Prof Ruminant Nutr

12R E PHILLIPS PhD Prof Physiol 2A H RAJAMANNAN PhD Res Assoc Physiol

12W E REMPEL PhD Prof Anim Brdg and Genet

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127R N SHOFFNER PhD Prof Genet Coop USFI

12J D SMITH PhD Asst Prof Anim Nutr

12G M SPEERS PhD Asst Prof Poultry Nutr and Mgt

3G R STEUERNAGEL MS Instr Ext Dairyman and DHI Syst Spec

12P E WAIBEL PhD Prof Poultry Nutr

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Biochemistry (Col of Biol Sci)

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12R L GLASS PhD Assoc Prof Cereal Chem
12H O HALVORSON PhD Prof Bacterial Biosynthesis

12ROBERT JENNESS PhD Prof Dairy Chem

12SAMUEL KIRKWOOD PhD Prof Enzymes Polysaccharide Structure

12DOLPH KLEIN PhD Asst Prof Microbiol

12I E LIENER PhD Prof Proteins Enzymes 12R E LOVRIEN PhD Assoc Prof Phys Biochem

12W O LUNDBERG PhD Prof Lipid Structure

12K GMANN PhD Asst Prof Proteins Enzymes 12HERMANN SCHLENK PhD Prof Lipid Metabolism

12M O SCHULTZE PhD Prof Anim Nutr Metabolism

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Economics (Agr and Applied)

5520

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1230 U BLANK PhD Prof Recreation 13H M BJERKE BBA Assoc Prof Farm Mgt

124W K BRYANT PhD Prof Farm Income and Prices
15B M BUXTON PhD Asst Prof Prod Econ

123M K CHRISTIANSEN PhD Assoc Prof Agr Policy 12W W COCHRANE PhD Prof Devipmt and Policy

134C H CUYKENDALL PhD Asst Prof Farm Mgt

123D C DAHL PhD Prof Mktg and Law

12R P DAHL PhD Prof Agr Devlpmt

17T E DAVES PhD Res Assoc Agr Devlpm

17K W EASTER PhD Assoc Prof Resource Econ and Devlomt

13K E EGERTSON MS Asst Prof Livestock Mktg

127S A ENGENE PhD Prof Agr Devlpmt

127D F FIENUP PhD Prof Agr Devlpmt

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12H M GREGERSEN PhD Asst Prof For Econ and Devlpmt

12W E GRIFFITHS MS Asst Prof Prices and Mktg

Economics (Agr and Applied)—Continued	Entomology, Fisheries, and Wildlife 5550
127J W HAMMOND PhD Assoc Prof Agr Devlpmt	12A CHODSON PhD Prof and Head of Dept (612-373-
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1C G HILDRETH PhD Prof Econometrics	Pop
123J P HOUCK Jr PhD Prof Prices and Agr Trade	12MARION A BROOKS PhD Assoc Prof Ins Microbiol
13J S HOYT Jr PhD Prof Location Econ	12H C CHIANG PhD Prof Ins Ecol Field Crop Pests 2P J CLAUSEN PhD Res Fellow Syst
12J M HUGHES PhD Prof For and Regional Econ	12E F COOK PhD Prof Ins Syst
12H M HWANG MS Assoc Sci Statis 12J D HYSLOP PhD Asst Prof Agr Devlpmt	12L K CUTKOMP PhD Prof Toxicol
13R D KNEPPER MA Instr Location Econ	2B E CUTLER PhD Res Fellow Ins Physiol
13R D KNEPPER WA Instruction Lecon 123E F KOLLER PhD Prof Dairy Mktg and Coops	12L D FRENZEL Jr PhD Prof Wildlife Biol
130 M LUND Jr MS Res Fellow Location Econ	12BASIL FURGALA PhD Assoc Prof Apic
127W R MAKI PhD Prof Resource Econ	2G W GULLION MA Res Assoc Game Mgt Upland Game
12L R MARTIN PhD Prof Resource Econ and Agr Devlpmt	Birds
123T R NODLAND PhD Prof Farm Mgt	123P K HAREIN PhD Prof Ext Spec in Ent
12E W CWENS PhD Visiting Prof Community Devlpmt	2E G HEYERDAHL PhD Res Ass∞ Fisheries
13H C PEDERSON MS Prof Grain Mktg	12H M KULMAN PhD Assoc Prof For Ent
12E A PERSONS PhD Assoc Prof Farm Mgt	123J A LOFGREN MS Prof Ext Spec in Ent
12W L PETERSON PhD Assoc Prof Technological	12W H MARSHALL PhD Prof Wildlife Biol
Change	3D M NOETZEL MS Instr Ext Spec in Ent
17M J PURVIS PhD Assoc Prof Agr Devlpmt	2J M PEEK MS Res Fellow Wildlife Biol Big Game 12A G PETERSON PhD Prof Veg and Forage Crop Pests
12P M RAUP PhD Prof Resource Econ and Agr Res	12R D PRICE PhD Prof Syst Taxon of Bird Lice
15T L ROE PhD Asst Prof Mktg	12E B RADCLIFF'E PhD Assoc Prof Plant Resistance
13H G ROUTHE MS Prof Farm Mgt 123V W RUTTAN PhD Prof Econ Devlpmt	Veg Ins
123V % ROTTAN PRO PROFESSION DEVIDING 127MARY E RYAN MS Res Fellow Agr Trade	2 G H R RAO PhD Res Fellow Stored Prod Ins
127M D SHANE PhD Asst Prof Capital Mkts	12A G RICHARDS PhD Prof Ins Physiol
123F J SMITH Jr PhD Prof Mktg	12L L SMITH Jr PhD Prof Fish Pop Dynamics
123R W SNYDER PhD Assoc Prof Land Use	12T F WATERS PhD Prof Stream Prod Fisheries Biol
1J A SPEICHER PhD Visiting Prof Prod Econ, Consum	2H H YAP PhD Res Fellow Toxicol
Econ and Mktg	
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123A D WALDO PhD Prof Public Affairs	
1A WEBER PhD Prof Consum Econ	Spec Prog 3F W FORBES MS Prof and Pers and Training
13E J WENESS Instr Farm Mgt 127D E WELSCH PhD Assoc Prof Agr Develpmt	3W H HANSON MS Prof and Asst Prog Ldr Agr Prod and
13Mrs CAROLE B YOHO MA Asst Prof Public Affairs	Technol
13WITS CAROLE. IS TOHO WA ASSI FIGHT UBITE AND IS	13J H HOYT Jr PhD Prof and Prog Ldr for Spec Proj
Education (Agr) 5530	Devlpmt and Coord
1R P MARVIN PhD Prof and Chmn	13H C PEDERSON MS Prof and Prog Ldr Ext Mktg and
1G H COPA PhD Asst Prof	Util
1H W KITTS PhD Prof	134L J PICKREL MS Prof and State Ldr Spec Studies
1M B MCMILLION PhD Assoc Prof	13H B SWANSON PhD Prof and Prog Ldr Ext Inform and
1C D NORENBERG PhD Asst Prof	Educ Aids
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IM J PETERSON PhD Prof	Systems Systems
16G I SWANSON PhD Prof	13C D NORENBERG PhD Asst Prof and Prog Coord
Engineering (Agr) 5540	3G T SEMMLER BA Instrand Asst Ext Psychologist
Engineering (Agr) 5540 12L L BOYD PhD Prof and Head of Dept (612-373-1305)	13P B STEGMEIR BS Instrand Prog Coord
12E R ALLRED MS Prof Soil and Water	10. 20.20
3D W BATES MS Prof Ext Agr Structures	COUNTY EXTENSION WORK
12W F BEAR PhD Prof Farm Mech	3EDWARD BECKER BS Assoc Prof and Dist Supvr
3 F W BERGSRUD MS Asst Prof Ext Irrig	3P J BORICH MS Assoc Prof and Dist Supvr
3H A CLOUD PhD Assoc Prof Ext Mater Handling	3G T McCLEARY BS Prof and Dist Super
12A M FLIKKE PhD Prof Environ and Proc	3H J NEWELL MA Prof and Dist Supvr 3G W SAKSA MA Assoc Prof and Dist Supvr
12J R GILLEY MS Instr Soil and Water	3D A WILSON MA Prof and Dist Supvi
123P R GOODRICH PhD Asst Prof Waste Mgt	3D A WILSON WA Flot did Dist Supvi
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MINNESOTA 5560-5585

Extension (Agr)-Continued

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3D E LINDSEY MS Asst Prof and Asst State Ldr 3S R MEINEN MEd Assoc Prof and Asst State Ldr

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13W Y GORE MA Instrand Ext Training Spec

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Food Science and Industries

5565

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12P B MANNING PhD Asst Prof Food Anal

12L L McKAY PhD Asst Prof Food Microbiol 12C V MORR PhD Ass∞ Prof Pr∞ Chem

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2M A NIELSEN MS Res Fellow Dairy and Food Technol
3V S PACKARD Jr PhD Assoc Prof Dairy Prod Ext Spec

12G A REINECCIUS PhD Asst Prof Food Technol

12J R ROSENAU PhD Asst Prof Food Process Engin

12S R TATINI PhD Asst Prof Dairy and Food Microbiol
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12D R DARR MS Res Fellow Econ

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12D J GERRARD PhD Asst Prof For Measurements and Statis

12R O GERTJEJANSEN PhD Assoc Prof Fiber Prods

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12H L HANSEN PhD Prof Silvic

12C R HATCH MF Instr For Measurements
12J G HAYGREEN PhD Prof Mech Phys Properties Identification

3L T HENDRICKS PhD Asst Prof Ext For Prod

12R L HOSSFLED PhD Prof Wood Chem

12J M HUGHES PhD Prof For Resource Econ 12F D IRVING PhD Prof For Mgt

124H H JOHN PhD Prof For Measurements and Statis
12T B KNOPP MS Instr Outdoor Recreation Mgt

12VILIS KURMIS PhD Res Assoc Silvic

12R P LATHAM MF Res Fellow Aerial Photos 12A C MACE PhD Asst Prof For Hydrol

12L C MERRIAM Jr PhD Prof Outdoor Recreation Mgt

12M P MEYER PhD Prof For Measurements and Aerial Photos

3W R MILES MF Instr Ext Mgt

12C A MOHN PhD Asst Prof For Tree Genetics

12J R NEETZEL MF Res Assoc Wood Structures

12HAROLD SCHOLTEN PhD Asst Prof Farm For

Forestry, College of-Continued

12R A SKOK PhD Prof and Asst Dir For Econ and Policy

3M E SMITH BS Ass∞ Prof Ext Mgt

12P C SMITH MF Res Fellow Silvic

12E I SUCOFF PhD Prof For Tree Physiol

12J C TAPPEINER II PhD Asst Prof Silvic

12R D THOMPSON MS Assoc Prof Bldg Prod Merchandise

12J J ULLIMAN MS Instr Aerial Photos 12K E WINSNESS MF Prof and Asst to the Dir Stud Adv and Alumni Relat

12Z A ZASADA BS Res Assoc For Mgt

Home Economics, College of

5580

1K N McFARLAND PhD Prof and Actg Dean of Col (612-373-0933)

IROXANA R FORD PhD Assoc Dir and Prof of Col of Home Econ

1R A ABELL MFA Assoc Prof Relat Art

1Mrs MARIAN BAGLEY MAT Asst Prof Relat Art

3THELMA BAIERL MS Prof Ext Spec Cloth

1Mrs JUDITH D BENNETT MA Instr Fam Social Sci 1Mrs SIGNE T BETSINGER PhD Assoc Prof Relat Art

3GRACE BRILL MS Prof Ext Spec Nutr

1Mrs MARIE H CHRISTENSON MS Asst Prof Home Econ

1Mrs BARBARA B CONKLIN MA Instr Home Econ ISARAH A COX MS Asst Prof Text and Cloth

12SUZANNE DAVISON PhD Prof Text and Cloth

12Mrs MARGARET M DOYLE PhD Prof Nutr

1FLORENCE EHRENKRANZ PhD Prof and Chmn Household Equip

IANN MERICKSON MS Asst Prof Relat Art 1GERTRUDE ESTEROS EdD Prof and Chmn Relat Art

1Mrs NATALIE S GALLAGHER MS Asst Prof Core 1JOAN GORDON PhD Prof F∞ds

12MARGARET P GRINDERENG PhD Prof and Actg Chmn Text and Cloth

1R N HEY PhD Prof and Chmn Fam Social Sci

1KATHLEEN M JEARY MA Asst Prof Fam Social Sci

3Mrs EDNA K JORDAHL MS Prof Ext Spec Home Mgt 3MARY FRANCES LAMISON MA Assoc Prof Ext Spec Home Mgt

1E D LARKIN MA Prof Relat Art

1Mrs BEVERLY B LUNDGREN BS Instrand Asst Ext Spec Home Econ

1Mrs FUDEKO T MARUYAMA PhD Assoc Prof Food 3SUSAN MEYERS MS Instr Ext Spec Fam Life

3VERNA A MIKESH MS Prof Ext Nutr

126LURA M MORSE PhD Prof Nutr IJULIETTE I MYREN MS Ass∞ Prof Relat Art 1Mrs M VIRGINIA NAGLE BA Asst P.of Relat Art

1J C ORDOS MA Asst Prof Relat Art 3R L PITZER MS Instr Ext Spec Fam Life

12P C RCSENBLATT PhD Assoc Prof Fam Social Sci

3ATHELENE H SCHEID MA Prof Ext Spec Cloth

1R M SHANK MEA Asst Prof Relat Art 126R J SIRNY PhD Prof and Chmn Nutr

1Mrs HAZEL STOECKELER MA Assoc Prof Relat Art

1Mrs PATRICIA SWAN PhD Assoc Prof Nutr

1Mrs ESTHER Y TRAMMELL MS Asst Prof Food

1Mrs JUDITH TARAPCHAK MFA Asst Prof Relat Art 1Mrs GLORIA M WILLIAMS MA Instr Text and Cloth

3Mrs MYRA B ZABEL MA Prof Ext Spec Home Furn

HOME ECONOMICS ELUCATION

1EMMA B WHITEFORD EdD Chinn and Prof Home Econ Educ

1MARJORIE M BROWN EdD Prof Home Econ Educ 1BETTY A BURKLUND MS Instr Home Econ Educ 1Mrs HELEN T HENRIE MA Instr Home Econ Educ 1GWENDCLYN NEWKIRK EdD Assoc Prof Home Econ

Educ 1Mrs SUE REITAN MA Instr Home Econ Educ ILOUISE STEDMAN PhD Prof Home Econ Educ 1Mrs ARDELL H WANTOCH MA Asst Prof Home Econ

Educ

5590-5640 MINNESOTA

Heat half a	
Horticultural Science 5590	Plant Pathology—Continued
12A A DUNCAN PhD Prof and Head of Dept and Supt of Hort Res Center (612-373-1026)	12THOR KOMMEDAHL PhD Prof Cereal Dis Soil-borne
12P D ASCHER PhD Asst Prof Genet	12D H MACDONALD PhD Assoc Prof Nematol
12M L BRENNER PhD Asst Prof Fruit Physiol	15D V McVEY PhD Asst Prof and Res Plant Path Stem Rust of Wheat
12D W DAVIS PhD Prof Veg Brdg	12R A MERONUCK MS Res Fellow Mycotoxins
12S L DESBOROUGH PhD Res Fellow Plant Hardiness	12C J MIROCHA PhD Assoc Prof Phys of Host Parasite
Physiol	Relat
3M C EISEL BS Instr Ext Hort	12M B MOORE MS Assoc Prof Dis of Oats
23H C HARD PhD Assoc Prof and Ext Hort	5A P ROELFS MS Plant Path Stem Rust of Wheat
3L B HERTZ PhD Assoc Prof and Ext Hort	Barberry
2A G JOHNSON MS Res Assoc Taxon and Ecol	15P G ROTHMAN PhD Asst Prof and Res Plant Path
23 ARVO KALLIO PhD Assoc Prof and Area Ext Hort	Stem Rust of Oats
12J J KUSKA MLA Asst Prof Landsc Arch	15J BROWELL PhD Prof and Res Plant Path Physiol of
12F I LAUER PhD Prof Potato Brdg	Stem Rust of Wheat
1P H LI PhD Asst Prof Hardiness Physiol	15AL SCHIPPER PhD Asst Prof and Plant Physiol of
3JANE McKINNON MS Instr Ext Hort 12ROBERT MULLIN PhD Assoc Prof Ornam Brdg	Parasitism
12SHIRLEY MUNSON MS Asst Prof Food Technol	15DDSKILLING PhD Asst Prof and Plant Path of Conifer
12R E NYLUND PhD Prof Veg Physiol	Dis 13R J SLATTERY MS Instrand Asst Ext Plant Path
12H M PELLETT PhD Asst Prof and Asst Supt of	SE C STAKMAN PhD DSc Collab Emeritus Stem Rust
Hort Res Center	of Wheat
12R A PHILLIPS MS Asst Prof Landsc Ornam Brdg	145D M STEWART PhD Assoc Prof and Res Plant Path
12P E READ PhD Asst Prof Veg Physiol	Physiol of Stem Rust of Wheat
12L C SNYDER PhD Prof and Dir Landsc Arboretum	13W C STIENSTRA PhD Asst Prof and Ext Plant Path
12E J STADELMANN PhD Assoc Prof Cell Physiol	12R D WILCOXSON PhD Prof Dis of Forage and Cereal
12CECIL STUSHNOFF PhD Asst Prof Fruit Brdg	Crops
30 C TUHNQUIST PhD Prof Ext Hort	
12C J WEISER PhD Prof Hardiness Physiol	Office of Special Programs (Agr) 5620
125 B WHITE PhD Prof Nursery and Turi Mgt	13L A FREEH PhD Prof and Head of Off of Spec Prog
12R E WIDMER PhD Prof Flor	(612-373 - 0725)
12H F WILKINS PhD Assoc Prof Flor	13C D NORENBERG PhD Asst Prof and Prog Coord
Information and Agricultural Journalism 5600	13R K SHOFFNER BS Admin Fellow II and Prog Coord
Intermation and Agricultural Journalism 5600 123H B SWANSON PhD Prof and Head (612-373-0710)	13P B STEGMEIR BS Instrand Prog Coord
3A M BALMER BA Instr and Ext Inform Spec	Sector (D
123N E ENGLE MA Asst Prof and Ext TV Coord	Sociology (Rural) 5630 123G A DONOHUE PhD Prof Sociol
2C F FORMAN BA Instr and Sci Writer	12BERT ELLENBOGEN PhD Prof Sociol
123E E FREDERICKS MS Assoc Prof and Bul Ed	12DARIO MENANTEAU PhD Asst Prof Internati Prog
23Mrs DIANE H GRAYDEN BA Ed Pubs	124JOEL NELSON PhD Assoc Prof Social
123M W HARRIS BS Instrand Ext Inform Spec TV	12LOWRY NELSON PhD Prof Emeritus Sociol
123V A KEEL BA Instr and Ext Inform Spec Press	123CLARICE OLIEN MA Asst Prof Sociol
23C A McDONALD BA Ed Pubs	13R L PITZER MA Instr Ext Fam Life
123G R McKAY MS Prof and Ext Vis Aid Spec	123C E RAMSEY PhD Prof Sociol
123M E MORRIS PhD Assoc Prof and Commun Econ Spec	12R E RICKSON PhD Asst Prof Social
123Mrs JOSEPHINE B NELSON MA Prof and Ext Inform Spec Press and Radio	12P J TICHENOR PhD Prof Journalism and Sociol
	F 11 F 1
13Mrs LEONA S NELSON MS Instrand Asst Ext Inform Spec	Soil Science 5640
23MARY K OHEARN BA Instr and Ext Inform Spec	12W P MARTIN PhD Prof and Head of Dept (612-373-1063)
123J M SPERBECK MS Asst Prof and Ext Inform Spec	12R S ADAMS Jr PhD Assoc Prof Soil Biochem
123R S WOLF BS Assoc Prof and Ext Inform Spec Radio	25R F ALLMARAS PhD Prof (SWC ARS USDA) Soil
23Mrs KATHLEEN K WOLTER BA Instr and Asst Bul Ed	Chem and Mat
	1P P ANTOINE PhD Asst Prof Soil Surv and Soil Chem
Plant Pathology 5610	12H F ARNEMAN PhD Prof Soil Surv and For Soils
123M F KERNKAMP PhD Prof and Head of Dept (612-373-	12D G BAKER PhD Prof Microclimatol
0852)	12G R BLAKE PhD Prof Soil Phys
15G W ANDERSON PhD Assoc Prof and Prin Plant Path	7P M BURSON MS Prof Emeritus
of Aspen and Northern Hardwoods	12A C CALDWELL PhD Prof Soil Chem and Fert
12N A ANDERSON PhD Prof Mycol and Genet of Plant	25C E CLAPP Jr PhD Assoc Prof (SWC ARS USDA)
Pathogens 15R L ANDERSON PhD Prof and Prin Plant Path of	Soil Biochem
15K L ANDERSON PhD Prof and Prin Plant Path of Conifer Dis	5R H DOWDY PhD Asst Prof (SWC ARS USDA) Soil
12E E BANTTARI PhD Assoc Prof Virus Dis and Dis of	Phys Chem
Barley	123R S FARNHAM PhD Prof Soil Surv and Organic Soils 5D A FARRELL PhD Res Assoc (SWC ARS USDA)
13H L BISSONNETTE PhD Prof and Ext Plant Path	Soil Mech
15W R BUSHNELL PhD Asst Prof and Plant Phys Biol of	3W E FENSTER PhD Asst Prof Ext Soils Spec Soil Fert
Infection Stem Rust of Wheat	5H R FINNEY PhD Asst Prof (SCS) Soil Surv Correlat
12LUCAS CALPOUZOS PhD Ass∞ Prof Cereal Rusts	12R G GAST PhD Assoc Prot Phys Chem Soils
12C M CHRISTENSEN PhD Prof Mycol Microbiol Det	123JANIS GRAVA PhD Assoc Prof Soil Test and Fert
of Grain	15D J GREENLAND PhD Lect (SWC ARS USDA) Soil
12C J EIDE PhD Prof Dis of Veg Crops	Sci
12D W FRENCH PhD Prof For Path Mycol Det of For Prod	12D F GRIGAL PhD Asst Prof For Soils Ecol
15F I FROSHEISER PhD Assoc Prof and Res Plant	3C F HALSEY MS Asst Prof Ext Soil Spec Conserv
Path Dis of Forage Crops	Natural Resources
12HELEN HART PhD Prof Emeritus Cereal Rusts	12G E HAM PhD Asst Prof Soil Microbiol 13L D HANSON PhD Assoc Prof Ext Soils Spec Interp
13H G JOHNSON PhD Prof and Ext Plant Path	Soil Surv and Phys Res Mgt
12B W KENNEDY PhD Assoc Prof Dis of Soybeans	25R F HOLT PhD Prof (Sta Dir SWC ARS USDA) Soil Sci
12TH KINGPhD Prof Dis of Freezing and Canning Crops	6E L KUEHNAST BS Res Fellow (USDC) Climatol

5640-5680 MINNESOTA

Sail Science-Continued

25W E LARSON PhD Prof (SWC ARS USDA) Soil Mech

12J M MacGREGOR PhD Prof Soil Chem and Fert

2BD McCASLIN MS Res Fellow Soil Fert

6H RMEREDITH PhD Res Assoc (TVA) Soil Fert

2R C MUNTER MS Res Fellow Soil Anal Chem

3C J CVERDAHL PhD Prof Ext Soils Spec Soil Fert

25J K RADKE PhD Asst Prof (SWC ARS USDA) Soil Phys

7C A ROST PhD Prof Emeritus

12R H RUST PhD Prof Soil Surv and Phys Chem Soils

12E L SCHMIDT PhD Prof Soil Microbiol

5F M OCILLEY MS Collab (SCS USDA) Soil Surv 13C A SIMKINS PhD Prof Ext Soils Spec Soil Fert

13J P SWAN PhD Assoc Prof Ext Soil Spec Soil Phys and Mat

25T J THIEL MS Res Fellow (SWC ARS USDA) Soil Phys

25C A VANDOREN PhD Prof (Br Chief SWC ARS USDA) Soil Sci

56.50 Veterinary Medicine

12W T S THORP DVM MS Prof and Dean of Col (612-373-

124R K ANDERSON DVM MPH Prof and Assoc Dean (612-373-1124)

12H | STOLDARD DVM DTVM | Prof and Dir of Internati Progs in Vet Med (612-373-1152)

12W | DEBOER PhD | Assoc Prof and Asst to the Dean (612-373-1150)

12A F WEBER DVM PhD Prof Elec Micro Head of Anat (612-373-0771)

12B S POMLRCY DVM PhD Prof Virol Head of Microbiol and Public Health (612-373-1117)

12J M HIGBEE DVM Prof Path Head of Diagnostic Labs (612-373-0774)

12D K SORDNSEN DVM PnD Prof Virol Head of Med (612-373-0312)

12RAIMUNES ZEMJANIS DVM PhD Prof Obstet Head of Obstet and Gyn (612-373-0811)

12H J GHIFFTTHS DVM PhD Prof Parasitol Head of Path and Parasitol (612-373-0792)

12C M STOWE DVM PhD Prof Pharmacol Head of Physiol and Pharmacol (612-373-0817)

12J P ARNOLD DVM PhD Prof Surg Head of Surg and Radiol (612-373-0810)

12D G LOW DVM PhD Prof and Head of Univ Vet Hosp (612-373-0807)

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12D M BARNES DVM PhD Assoc Prof Diag Lab

1W J BEMRICK PhD Assoc Prof Parasitol 1R C BENSEN DVM Nonserv Fellow Anat

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1D R DESHMUKH BVS PnD Res Asscc Virol

1S L DIESCH DVM MPH Assoc Prof Microbiol 1H F DIETERICH DVM Asst Prof Surg

IS II DILLE DVM Res Assoc Internati Progs 12G I DUKE PhD Asst Prof Physiol

1S K DUTTA BVSc PhD Res Assoc Virol

12H : DZIUK DVM PhD Prof Physiol

1G A ECKHOFF DVM Nonserv Fellow Pharm

1J C ELLERY DVM Instr Surg
1M L FAHNING DVM PhD Assoc Prof Obstet
1R J FARNS WORTH DVM Instr Med

12T F F LETCHER EVM PhD Assoc Prof Neurol

10 CGIBSON DVM Instrand Ext Vet Anim Reprod Ext Serv and Obstet

12A L GOOD DVM PhD Prof Physiol 1GRACE W GRAY PhD Asst Prof Pharmacol

1R F HAMMER DVM Instr Anat

12P B HAMMOND DVM PhD Prof Toxicol

1GRISELDA F HANLON DVM MS Assoc Prof Radiol

3J O HANSON DVM Assoc Prof and Dir Cont Educ and Proj Ldr Vet Ext

1S C HASKINS DVM Instr Surg

1F H HEATH DVM PhD Asst Prof Anat

1G C HEATH DVM Nonserv Fellow Physiol

1C L HENKE DVM Res Fellow Microbio!

Veterinary Medicine-Continued

1J D HILGREN DVM Nonserv Fellow Microbiol 1T J HUFFORD DVM Vet Med Assoc Vet Hosp

12EDWARD JANKUS DVM PhD Asst Prof Physiol

1C R JESSEN DVM PhD Asst Prof Surgand Radiol

1K H JOHNSON DVM PhD Assoc Prof Path

1LARUE JCHNSCN DVM PnD Assoc Prof Med

12P W JOHNSON DVM PhD Prof Med

1Mrs SALLLY E JORGENSEN PhD Asst Prof Physiol Chem

1M CKUMAR DVM PhD Res Assoc Microbiol

12H J KURTZ DVM PhD Assoc Prof Path

12C T LARSEN DVM Res Fellow Microbiol

1Mrs ARLEEN J LARSON DVM Instr Anat

1V L LARSON DVM PhD Asst Prof Med

13 J A LIBBY DVM MS Asst Prof and Ext Meat Hyg Med and Inst of Agr

12R K LINDORFER PhD Prof Microbiol 12K I LOKEN DVM PhD Assoc Prof Med

5D W LUCHSINGER DVM Epidem Microbiol

1S K MAHESWAREN DVM PhD Inst Microbiol 1W D MARTIN MS Instr Anat

12ERIKS MARTINSONS DVM Res Fellow Obstet 1G W MATHER DVM PhD Prof Med

1F H McCAULEY DVM Instr Med and Internati Progs

1R J McCLURE Jr DVM Vet Med Assoc Vet Hosp

1G E MILLER PhD Asst Prof Pharmacol

1V S MYERS DVM MS Assoc Prof Surg 1D P NEELY DVM Vet Med Asst Inst Med

12G H NELSON DVM Assoc Prof Clinics

1P A CLSCN DVM Res Fellow Toxicol

1C A OSBORNE DVM PhD Asst Prof Med

1L G PAICLEY DVM Instr Obstet

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P T PURINTON DVM Nonserv Fellow Anat

1J F QUAST DVM Instr Path

1C S RHODES DVM Res Assoc Internat Progs

1R A ROBINSON DVM MS Instr Microbiol

1EBERHARD ROSIN DVM Inst Surg and Radiol 14J H SAUCTER DVM PhD Prof Path

1J C SCHLOTTHAUER DVM PhD Asst Prof Parasitol

14R H SCHULTZ DVM PhD Assoc Prof

1M L SEELY EVM Res Assoc Internati Progs

12R E SHOPE DVM PnD Assoc Prof Virol
12C C SHORT DVM PhD Assoc Prof Physiol Chem

5F E SIEGFRIED DVM Vet Livestock Insp

1C J SMITH DVM Res Fellow Microbiol

3R B SOLAC DVM Asst Prof Ext Vet

1F A SPURRELL DVM PhD Prof Radiol

14J BSTEVENS DVM PhD Asst Prof Path 1J P SULLIVAN DVM PhD Asst Prof Physiol

1E A USENIK DVM PhD Prof Surg

1J C VANDEN BERGE PhD Asst Prof Zool

1R E WERDIN DVM Instr Med
1R A WESCOTT DVM Clin Asst Prof Obstet
1C L WILLIAMS DVM Instr Microbiol and Internati Progs

1G C WRUCK DVM Nonserv Fellow Physiol

1B C YOHO DVM Nonserv Fellow Anat

5660 Miscellaneous

12V J VITINS MS Asst Prof and Libr

2M A MITTENESS Farm and Grounds Supt

2P J TICHENGR PhD Prof Journalism

12E B STANFORD PhD Prof and Dir of Univ Librs

Branch Stations

Agricultural Expt 3ta (PO Rosemount)

2C L WILCCX PhD Prof and Supt North Central Expt Sta (PO Grand Rapids)

2WILLIAM MATALAMAKI PhD Prof and Supt

2W H CROMELL BS Instr For 2D L RABAS PhD Asst Prof Agron

2J W RUST PhD Assoc Prof Anim and Dairy Husb

2C D WEGNER BS Instr For

2D R WILDUNG PhD Asst Prof Hort Northwest Expt Sta (PO Crookston)

2B E YOUNGQUIST PhD Prof and Supt

2B C BERESFORD MS Asst Prof Hort

5680

5680-5710

Branch Stations-Continued

- 2J LOFGREN PhD Asst Prof Agron
- 2G DMARX PhD Assoc Prof Dairy Husb
- 2E C MILLER MS Asst Prof Agr Engin
- 20 C SOINE PhD Prof Soils
- 2H F WINDELS PhD Asst Prof Anim Husb
- Southern Expt Sta (PO Waseca)
 - 2R H ANDERSON MS Assoc Prof and Supt Agron
 - 2R D FRAZIER PhD Asst Prof Soils
 - 2W E LUESCHEN PhD Asst Prof Agron
 - 2K P MILLER PhD Assoc Prof Anim Sci
- Southwest Expt Sta (PO Lamberton)
 - 2W W NELSON PhD Prof and Supt Soils
- West Central Expt Sta (PO Morris)
 - 2R E SMITH MS Assoc Prof and Supt Econ
 - 2S D EVANS PhD Assoc Prof Soils
 - 2W H GRAY MS Asst Prof Hort
 - 2H E HANKE MS Asst Prof Anim Husb
 - 2D G JOHNSON MS Instr Dairy Husb
 - 2L K LINDOR MS Asst Prof Agr Engin
 - 2D D WARNES PhD Asst Prof Agron

MISSISSIPPI

The College of Agriculture, the School of Forest Resources, the Agricultural Experiment Station, the Agricultural Extension Service, and the Forest Products Utilization Laboratory of Mississippi State University of Applied Arts and Sciences, State College 39762 (Tel 601 Starkville 325-21101

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Forest Products Utilization Laboratory 9A-TR, M-S Program

5690

- 1W L GILES PhD Pres
- 1T K MARTIN PhD Vice Pres
- 1J K BETTERSWORTH PhD Academic Vice Pres (Tel 601 Starkville 325-3742)
- 123L N WISE PhD Vice Pres for For and Agr
 - 1.J C McKEE Jr PhD Vice Pres for Res and Dean of Grad Sch
- 123L F MALLORY BS Vice Pres for Bus Affairs
- 129R T CLAPP MF Deam of Sch of For Resources
 - 2J H ANDERSON PhD Dir of Sta (Tel 601 Starkville 325-5455)
 - 3W M BOST MS Dir of Ext (Tel 601 Starkville 325-4436)
 - 2W K PORTER Jr PhD Asst Dir of Sta
 - 2A D SEALE Jr PhD Asst Dir of Sta
 - 3R C SIMMONS MPA Assoc Dir of Ext
 - 3J R CARPENTER MS $\,$ Asst Dir of Ξxt
 - 1C E LINDLEY PhD Deam of Col of Agr (Tel 601 Starkville 325-2110)
 - 2G J THOMAS MS Acct for Sta
 - 3K H MARTIN MS Ext Acct

Agronomy 5700

- 12C D HOOVER PhD Prof and Head of Dept Fert and Mat
- $3\mbox{K}$ L ANDERSON MAgr. Ldr Ext Spec Agron Fert and Soils
- 12C H ANDREWS PhD Assoc Prof and Assoc Agron Seed Res and Training
- 12J A ANDRIES MS Asst Prof and Asst Agron Field Crops Cotton
- 3C C BASKIN PhD Ext Spec Agron Grain Crops and Seeds
- 2J M BECK BA Engin Tech Seeds
- 25H W BENNETT PhD Agron Crop Brdg and Grasses
- 12G L BIEBER PhD Asst Prof and Asst Agron Roadside
- 12A H BOYD Jr MS Asst Prof and Asst Agron Seeds 5F V BRENT Jr BS Soil Sci SCS Soil Genesis Classif
- and Mapping
- 12H DBUNCH PhD Prof and Agron and Dir Internatl Prog Agr and For

Agronomy-Continued

- 12B L BURSON PhD Asst Prof and Asst Agron Cytogenet Forage Crops
- 12J C DELOUCHE PhD Prof and Agron and Dir of State Seed Lab in Chg Seed Tech Lab Seeds State Seed Anal
- 12G M DOUGHERTY MS Asst Prof and Assoc Agron Seeds
- 12A G DOUGLAS PhD Prof and Agron Field Crops Cotton
- 12W J DRAPALA PhD Prof and Agron and Head Dept of Expt Statis
- 3L E GHOLSTON MS Spec Ldr Soil Testing Dept Fert and Mat
- 12R C GLENN PhD Prot and Agron Soil Genesis Classif and Mapping
- 12B R GREGG PhD Assoc Prof and Assoc Agron AID India Seeds
- 5J D HESKETH PhD Adjunct Prof Soil Sci and Res Invest
- 3D W HOUSTON MS Ext Spec Agron Field Crops and Cotton
- 12R D JENSEN PhD Asst Prof and Asst Agron Soil Mech and Engin Soil Moisture
- 2W F JONES MS Asst Agron Fert and Mgt
- 3C W JORDAN MS Ext Spec Agron Field Crops Soybeans and Oil Seed Crops
- 2W E KEENAN BS Soil Surv Soil Genesis Classif and Mapping
- **5W** E KNIGHT PhD Adjunct Prof and Res Agron Crop Brdg and Crimson Clover
- 12J D LANCASTER PhD Prof and Agron Soil Chem Nitrogen and Micronutr
- 2A G LAW MS Seed Mkt Spec AID India Seeds
- 5J R McCLUSKEY BS Agric Res Tech Crop Brdg
- 2E L McWHIRTER MAgr Asst Agron Crop Turfgrasses
- 12N C MERWINE PhD Prof and Agron Crop Mgt and Crop Svst
- **3G** P MULLENDORE MS Ext Spec Agron Cotton and Rice
- 2B C MURPHY MS Asst Agron Soil Fert Soybeans
- 5D L MYHRE PhD Adjunct Prof Soil Sci and Res Invest
- 12V E NASH PhD Prof and Agron Soil Mineral
- 12L E NELSON PhD Prof and Agron Fert and Mgt 2L R NELSON MS Asst Agron Crop Brdg and Corn
- 3H D PALMERTREE MS Ext Spec Agron Forage Pasture and Turf
- **2**A L PLANT PhD Agron AID Guatemala
- 12R H PLUENNEKE PhD Asst Prof and Asst Agron Crop Physiol Soybeans
- 12H C POTTS PhD Assoc Prof and Assoc Agron Seeds
- 5J O SANFORD MS Soil Sci Fert and Mat
- **5**G E SCOTT PhD Adjunct Prof and Res Agron Crop Brdg and Corn
- 2D A SOULEYRETTE MS Asst Agron AID Brazil
- 12B J STOJANOVIC PhD and Dir of Agr Prof and Agron Soil Microbiol
- 12H B VANDERFORD PhD Prof and Agron Soil Genesis Classif and Mapping
- 12C E VAUGHAN PhD Asst Prof and Asst Agron Seeds
- 12C Y WARD PhD Prof and Agron Pasture and Forage Crops and Turfgrasses
- 12V H WATSON PhD Asst Prof and Asst Agron Pasture and Forage Crops
- 2T E WEBB BS Seed Prod Spec AID India
- 2P B YOUNG MS Seed Prod Spec AID India Seeds

Animal Science 5710

- 12S H FOWLER PhD Prof and Heart of Dept
- 12BRYAN BAKER Jr PhD Prof Swine and Sheep 12L H BOYD PhD Assoc Prof Sheep
- 3R O BUCKLEY MS Assoc Ext Anim Husb Sheep
- 12C E CANTRELL MS Instr Farm Mgt
- 3J C COLLINS PhD Ldr of Ext Anim Husb
- 12B G DIGGS PhD Prof Swine
- 12H W ESSIG PhD Prof Beef Cattle and Sheep 12FAY HAGAN PhD Asst Prof Anim Brdg and Genet
- 3W L RICHMOND BS Assoc Ext Anim Husb Swine
- 12R W ROGERS PhD Assoc Prof Meats
- 12C B SHAWVER MS Asst Prof Meats

MISSISSIPPI 5710-5770

Animal Science-Continued	Engineering (Agr and Biol) 5750	
12L J SMITHSON PhD Asst Prof Prod	12W R FOX PhD Prof and Head of Dept	
3W M SWOOPE MS Assoc Ext Anim Husb Beef Cattle	12J B ALLEN PhD Asst Prof Soil and Water	
Performance Test	12W H BROWN PhD Asst Prof Anim Environ	
3D H TUCKER MS Asst Ext Anim Husb	3C P BRYSON BS Asst Ext Agr Engin Cotton Mech and	
Di Liu.	Ginning 4-H	
Biochemistry 5715	12J W BUTLER BS Res Asst Proc	
12B F BARRENTINE PhD Head of Dept 2K P BAETCKE PhD Assoc Biochem	25E P COLUMBUS BS Res Asst Air Pollution	
2J D CAIN MS Asst Chem	25R F COLWICK MS Prof Power and Mach 12L E COOK BS Res Tech Power and Mach	
2D R CLARK BS Res Asst	12F E EDWARDS MS Prof Power and Mach	
2M E CRITZ Res Asst	25J A FRIESEN MS Res Assoc Proc	
2JANE J DOLLAR BS Res Asst	25J G GRIFFIN MS Assoc Prof Structures and Environ	
2J F HATHCOCK Res Asst	25J W JONES MS Res Asst Power and Mach	
2M V KENNEDY PhD Assoc Biochem	12E A KIMBROUGH MS Assoc Prof Soil and Water	
2W E POE MS Asst Chem	12R K MATTHES PhD Assoc Prof Power and Mach	
12R P WILSON PhD Asst Biochem	12J C McWHORTER MS Prof Soil and Water	
1	12G E MILES BS Res Asst Power and Mach	
Dairy Science 5720	3D L MILLER BS Assoc Ext Agr Engin Mater Handling	
12H J BEARDEN PhD Prof and Head of Dept	3K R RAY Ext Agr Engin Housing and Arch	
12J T CARDWELL PhD Prof Chem	25F N REECE MS Assoc Prof Structures and Environ	
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5G L BARKER MS Agr Engin Cotton Harvesting

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5B G BLACKMON PhD Soil Sci For

2D H BOWMAN PhD Agron Rice Cult

2R R BRIDGE PhD Plant Genet Cotton Brdg 5C B BRISCOE DF Res For

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123E J METZEN EdD Prof Consum Econ

12FRANK MILLER PhD Prof Emeritus

12K E MILLER MBA Assoc Prof Livestock Mktg

23D E MOSER MS Assoc Prof Transp and Mktg

1D D OSBURN PhD Asst Prof Manpower

3J M RAGSDALE MS Prof Cash Crops Mktg

5D D RAITT MS Res Assoc Water Resources

3L F ROTTMANN MS Asst Prof Farm Mgt

12K C SCHNEEBERGER PhD Asst Prof Resource Econ

2J D TIMMONS MS Instr Local Govt

12R E TORGERSON PhD Asst Prof Mktg and Policy

123L A VOSS PhD Assoc Prof Poultry Mktg

Economics (Agr)—Continued

12P F WARNKEN PhD Assoc Prof Econ Devlpmt

3J M WELCH PhD Prof Restaurant Mgt

12J G WEST PhD Prof Prices and Resource Devlpmt

12S F WHITTED PhD Prof Dairy Mktg

3E R WIGGINS MS Asst Prof Farm Mgt

5D L WILLIAMS PhD Res Assoc Land Econ

3Mrs LORENE WILSON BS Asst Prof Consum Mktg

3H E WORKMAN PhD Assoc Prof Prod Econ

Editorial 5980

23R L LEE PhD Prof and Ed (314-449-9206) **PUBLICATIONS**

23D L ESSLINGER MS Instrand Asst Ed

23P H GWIN MS Assoc Prof and Assoc Ed

23D J MILLER MA Asst Prof and Asst Ed

23Mrs ELIZA B PRESTON BA Instr and Asst Ed

PRESS RADIO TV PHOTOGRAPHY VISUAL AIDS

23T E BILLINGS BJ Instr and Asst Ed

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23T E HOFFMAN MA Instrand Asst Ed

2R R JONES MS Asst Prof and Asst Ed

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Education (Agr) 5990

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1G M LOVE PhD Assoc Prof

1D D OSEURN PhD Asst Prof

1C V RODERICK MEd Assoc Prof

1B R STEWART EdD Asst Prof 1C R WESTON EdD Assoc Prof

Engineering (Agr) 6000

123C L DAY PhD Prof and Chmn of Dept (314-449-8148) 5M E ANDERSON MS Res Assoc Dairy Plant Facilities

12R P BEASLEY MA Prof Soil and Water

5L E BODE MS Res Assoc Herbicide Application

12D B BROOKER MS Prof Crop Drying and Mater Handling

3M W CLARK MS Prof Soil and Water

1E J CONSTIEN BS Asst Prof and Farm Mech Adv India Prog

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12C F CROMWELL Jr MS Asst Prof and Water Use and Mgt Adv India Prog

12H D CURRENCE PhD Asst Prof Forage Harvesting

5J R FISCHER MS Res Assoc Dairy Plant Facilities 12J C FRISBY PhD Assoc Prof Farm Mach

5M R GEBHARDT MS Res Assoc Herbicide Application

3R M GEORGE BS Asst Prof Mater Handling 12C E GOERING PhD Assoc Prof Farm Power and Mach

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5H G HEINEMANN BS Res Assoc Soil and Water

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2K L McFATE MS Assoc Prof Farm Elec and Mater Handling

12J S McKIBBEN MS Assoc Prof Power and Mach and Shop Mech

12N F MEADOR PhD Asst Prof Structures
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5D L RAUSCH MS Res Assoc Reservoir Sedimentation 5D L REICHARD BS Res Assoc Herbicide Application 3R L RICKETTS MS Prof Structures

12J W D ROBBINS PhD Assoc Prof Waste Disposal

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12M D SHANKLIN PhD Prof Bio Engin 3C E STEVENS Jr BS Assoc Prof Farm Safety

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12J C WOOLEY MS Prof Emeritus

MISSOURI 6010-6030

6010

12M L FAIRCHILD PhD Prof Corn Ins and Chmn of Dept (314-449-9161)

2SAMI AHMAD PhD Post Doctoral Fellow Ins Taxon 5K D BIEVER PhD Res Ass∞ Bio Climatol

12H E BROWN MA Prof Ornam Ins Ins Taxon

12G M CHIPPENDALE PhD Asst Prof Ins Physiol

3W S CRAIG PhD Prof

15D M DAUGHERTY PhD Assoc Prof Ins Biol and Ecol 5C J DELOACH Jr PhD Res Assoc Ins Biol Control 20SMAN ECEVIT PhD Post Doctoral Fellow Ins Taxon

12W R ENNS PhD Prof Fruit and Veg Ins Ins Taxon Acami

2KEITH HARRENDORF MS Asst Prof Cotton Ins

5J H HATCHETT PhD Res Assoc Oil Seed Ins

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1A L JENKINS MS Prof Emeritus

12W H KEARBY PhD Asst Prof For Ins

12A J KEASTER PhD Asst Prof Corn Ins

12C O KNOWLES PhD Assoc Prof Ins Toxicol

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5N L MARSTON PhD Res Assoc Behavior Genet Ecol

3R E MUNSON PhD Asst Prof Ext Surv Ent

5F D PARKER PhD Res Assoc Taxon of Hymenoptera

3LEROY PETERS MS Instr

5BENJAMIN PUTTLER BS Res Assoc Ins Biol Control 2S P SHRIVASTAVA PhD Post Doctoral Fellow Ins Toxicol

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3G W THOMAS MA Assoc Prof

12C W WINGO PhD Prof Med and Vet Ent

12T R YONKE PhD Asst Prof Taxon Morphol Ecol

Extension Education

6020

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3G V BOYLE MS Dir Labor Educ

3JOHN BRANDIS BA Instr

3P J BRINK MA Instrand Asst Proj Dir of Civ Def Prog

34P D BURGESS MS Asst Prof and Dist Dir

3J H BURKEHOLDER MS Prof and Ext Youth Spec

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3D F FELTS EdD Asst Prof and Dir of Independent Study

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Cont Educ for Women

3L W GOSLIN MEd Instrand Coord of Stud Serv Independent Study
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3Mrs MABLE GRIMES MS Instrand Ext Youth Spec

13J G GROSS PhD Asst Prof and Ext Studies Spec

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Extension Education-Continued

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3D C KELLER BS Instrand Civ Def Spec

3GRACE M KLENN MA Assoc Prof Prog Coord Spec Fam Living Proj

3STIRLING KYD PhD Prof and Asst to Pres and Dir of Public Affairs and Special Proj

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23Mrs ELIZA B PRESTON BA Instr and Asst Ed

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13G P ROWE PhD Assoc Prof and Ext Youth Spec

3V N SAPP BS Asst Prof Dist Dir and Dean of Ext-St Louis Campus 3C N SCHENEMAN PhD Prof and Dir Admin Mat

3K W SERFASS BS Instr and Dir of Conf and Short Courses

3A J SNIDER EdD Prof and Dir of Ext Courses and Conf

3W L STUCKER EdS Asst Prof and Res Dir of Inter Campus Instr

3J B SUTHERLAND PhD Assoc Prof and Dir Indus Res and Ext

3G E THOMAS MS Instrand Labor Educ Spec
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3R J TURNER PhD Asst Prof and Consult in Instr Res

23D R ULLOTH MA Instr and Asst Ed

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3J L WHIPPLE MEd Instrand Coord Confand Short Courses

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3J L WIRZ BS Instr and Coord of Conf and Short Courses

3F A YOUNG BS Asst Prof and Training Off

3Mrs KATHARYN ZIMMERMAN MS Prof Emeritus

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6030

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12RUTH E BALDWIN PhD Prof Food Sci and Nutr

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120 J COTTERILL PhD Prof Food Sci
12 J E EDMONDSON PhD Prof Food Microbiol
12M L FIELDS PhD Prof Food Microbiol

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2Mrs BERNICE M KORSCHGEN MS Instr Food Sci

12R T MARSHALL PhD Assoc Prof Microbiol 2S T McCREADY PhD Post Doctoral Fellow Food Sci

12H D NAUMANN PhD Prof Food Sci and Distrib

MISSOURI 6030-6060

Food Science and Nutrition_Continued

12D S SHELLEY MS Instr Food Proc

123W C STRINGER PhD Assoc Prof Food Sci and Distrib 3J M WELCH PhD Prof Food Serv

Forestry, School of

6040

123D P DUNCAN PhD Prof and Dir of Sch (314-449-9271)

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12M F BROWN PhD Asst Prof For Path

12K C CHILMAN MF Asst Prof For Admin and Recreation

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5J S CROSBY MF Res Assoc Fire

12K B DOWNING MS Instr Land Use Planning

5P S JOHNSON PhD Res Assoc Silvic

12W H KEARBY PhD Asst Prof For Ins

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1K E MOORE MF Assoc Prof For Cartography and Engin

12R A MUSBACH BSF Asst Prof Silvic

12A J NASH PhD Prof Mensuration and Photogrammetry

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12J P PASTORET MS Asst Prof Wood Technol and Prod 12L K PAULSELL MS Assoc Prof Silvic

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6045

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2T D CHANG PhD Res Assoc Wheat Cytogenet

15E H COE Jr PhD Prof Com Genet 15G G DOYLE PhD Asst Prof Com Cytogenet

2C J DRISCOLL PhD Post Doctoral Fellow Wheat Cytogenet

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2G A GAVAZZI PhD Post Doctoral Fellow Arabidopsis Genet

12C S GOWANS PhD Prof Microbiol Genet

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5R L LARSON PhD Asst Prof Biochem

12W Q LOEGERING PhD Prof Wheat Genet

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12G P REDEI CSc Prof Arabidopsis Genet 5E R SEARS PhD Prof Wheat Cytogenet

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120 P SEHGAL PhD Assoc Prof Virol

Home Economics, School of

6050

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13Mrs MARILYN W CASELMAN MS Assoc Prof Home Mat and Fam Econ

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flet.lpmt 1ARCH TROFLSTRUP PLE Visiting Prof Fam Econ

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6060 Horticulture

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3A E GAUS PhD Prof

3D E HARTLEY PhD Assoc Prof Flor

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12A D HIBBARD PhD Prof Pomol 12V N LAMBETH PhD Prof Oler

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5060-6110 MISSOURI

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	1D D DRAPER DVM Instr Vet Anat
lant Pathology 6070	1T M EAGLE DVM Assoc Prof Vet Med and Surg
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Phytobact	1L D KINTNER DVM MS Prof Vet Path
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sultry Husbandry 123J E SAVAGE PhD Prof Nutr and Chmn of Dept (314-	12B D ROSENQUIST DVM PhD Assoc Prof Vet Microbiol 1L A SELBY DVM DPH Asst Prof Vet Microbiol
449-9323)	1D A SCHMIDT DVM PhD Prof Vet Path
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12A B STEPHENSON PhD Prof Brdg	
	Miscellaneous 6110
ral Sociology 6090	2W L BAKER MS Supvr of Fert Insp
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120 O THOMAS PhD Prof Anim Nutr
12J L VAN HORN MS Prof Anim Prod (Sheep) 10 J CHAPMAN PhD Dean 1.J. N. FREEMAN PhD Prof and Head of Dept of Agr (314-636-8121 Ext 258) **Botany and Microbiology** 6210 6140 Agri culture 1G W ENLOW Asst Prof Hort 2W G WALTER PhD Prof and Head of Dept 23R C CARLSTROM PhD Asst Prof Plant Path
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12GENE FULLER PhD Asst Prof Physiol 12J B HOLTER PhD Assoc Prof Dairy Nutr 12J T O'CONNOR VMD Assoc Prof Light Horse Spec	 12R A ANDREWS PhD Assoc Prof Res Econ 5E TBARDWELL BS Coop Agt Poultry Mktg 3F BBARKER BS Environ Qual Spec 12J P BARRETT PhD Assoc Prof For Mensuration
12GENE FULLER PhD Asst Prof Physiol 12J B HOLTER PhD Assoc Prof Dairy Nutr 12J T O'CONNOR VMD Assoc Prof Light Horse Spec 12R C RINGROSE PhD Prof Poultry Nutr	12R A ANDREWS PhD Assoc Prof Res Econ 5E TBARDWELL BS Coop Agt Poultry Mktg 3F BBARKER BS Environ Qual Spec 12J P BARRETT PhD Assoc Prof For Mensuration 123J R BOWRING PhD Prof Com Devlpmt
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12G W LUKE PhD Res Prof and Head of Dept (201-247-1766 Ext 1305) 12D J BURNS PhD Res Prof Mktg 2D A LERB PhD Asst Prof 12P T DHILLON PhD Asst Prof 3M S FABIAN MS Asst Ext Spec Mktg 3J M HUNTER MS Assoc Ext Spec Agr Policy 12A R KOCH PhD Prof 23R G LATIMER PhD Assoc Ext Spec Farm Mat 12A A MEREDITH MS Res Prof Mktg 3F A PERKING MS Ext Spec Mktg 3W M RUNK BS Ext Spec Mktg 3W M RUNK BS Ext Spec Res Devlpmt 2D W THATCH PhD Asst Prof 12E R WESTCOTT PhD Res Prof Education 6930 1C C DRAWBAUGH MEd Asst Prof Agr Educ Engineering 6940 12M E SINGLEY MS Prof and Head of Dept (201-247-1766 Ext 1753) 12H E CARPENTER BS Assoc Ext Spec Mech Agr 3MAPTIN DECKEP Ir MS Assoc Ext Spec 12D R MEARS MS Asst Prof 12C H REED MS Prof 3W J ROBERTS MS Assoc Ext Spec Entomology and Economic Zoology 6950 12B B PEPPER PhD Res Prof and Head of Dept (201-247-1766 Ext 1774)	2C N HENDERSON Chem Andl 12J V HUNTER PhD Prof 2D N LILLIAN PhD Asst Prof 12F M MANGANELLI FhD Ros Prof 3J J GOPOROWCKI Ir MBA Assoc Ext Spec 1GEORGE MACUILYCSAK FhD Asst Prof Extension Administration 6970 3D L GERWIG PhD Tur and Assoc Dean (201-247-1766 Ext 1306) 3M V ADAMS PhD Ext Spec Ldr (201-247-1766 Ext 1308) 3A M HOULAND MEd Abst Dir (201-247-1766 Ext 1307) 3F S MANSUE BS Assoc Prof 4-H Ext Ldr (201-247-1766 Ext 1705) 3BEATRICE M MAY MS Absoc Home Econ Ext Ldr Assoc 4-H Ext Spec Cloth (201-247-1766 Ext 1740) 3T J MURPHY RS Asst 4-H Ext Ldr (201-247-1766 Ext 1704) 3R P WINTERS MS 4-H Ldr (201-247-1766 Ext 1704) Food Science 6980 12G F DIMARCO PhD Frot and Head of Dept (201-247-1766 Ext 1611) 2M J BABCCCK PhD Assoc Res Prof 12S G GLEBERT PhI Prof 12S G GLEBERT PhI Prof 12C N HAARL PhD Asst Prof 12CAN-ICHI HAYAKAWA PhD Assoc Prof 2ENDEL KARMAS PhD Assoc Prof 12D H KLEYN PhD Assoc Res Prof Dairy Indus 12P A LACHANCE PhD Res Prof Dairy Indus
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Asst Prof Hort 2J M JORDAN PhD

Southeastern Br Sta (Rt 1 Box 121 Artesia 88210)

2C E BARNES MS Supt and Asst Prof Agron Crop Mgt

2N R MALM PhD Assoc Prof Agron

NEW YORK

New York State Colleges of Agriculture, Human Ecology, and Veterinary Medicine and the Agricultural Experiment Station of Cornell University, Ithaca 14850 (Main tel 607-256-1000)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program

7240

123D R CORSON PhD Pres of Univ (607-256-5201)

123R A PLANE PhD Prov of Univ (607-256-2364)

123W K KENNEDY PhD Vice Prov and Prof Agron (607-256-4871)

123W D COOKE PhD Vice Pres for Res and Adv Studies (607-256-4603)

123C E PALM PhD LLD Dean of Col of Agr and Prof Ent (607-256-2241)

123D C KNAPP PhD Dean of Col of Human Ecol and Prof Admin (607-256-2138)

123G C POPPENSIEK VMC MS Dean of Vet Col and Prof Vet Microbiol (607-256-3201)

129N C BRADY PhD Dir of Res and Dir of Sta Prof Soil Sci (607-256-5429)

12J F METZ Jr PhD Assoc Dir of Res and Assoc Dir of Sta Prof Mktg (607-256-5420)

124Mrs ETHEL L VATTER PhD Asst Dir of Sta and Acta Assoc Dean for Grad Educ and Res Human Ecol Prof Consum Educ and Pub Pol (607-256-4519)

1H L EVERETT PhD Dir of Resident Instrand Prof Plant Brdg (607-256-3083)

1.J P HERTEL PhD Assoc Dir Resident Instr Prof Pers Admin and Col Secy (Agr) (607-256-2258)

13E H SMITH PhD Dir of Coop Ext and Prof Ent (607-256-2117)

13A F. DURFEE PhD Assoc Dir and Prof Coop Ext (607-256-3225)

13C R HARRINGTON MA Assoc Dir and Prof Coop Ext (607-256-2092)

13LUCINDA A NOBLE MS Assoc Dean for Public Serv and Cont Educ and Assoc Dir of Coop Ext Human Ecol Assoc Prof Coop Ext (607-256-2093)

1JEAN FAILING PhD Assoc Dean for Undergrad Educ Human Ecol Prof Human Ecol (607-256-2061)

IK L TURK PhD Dir of Internati Agr Devlpmt and Prof Anim Sci (607-256-2283)

12R D O'BRIEN PhD Dir of Div of Biol Sci and Prof Neurobiol (607-256-5042)

123A H PETERSON MA Controller of Univ and Prof Bus Admin (607-256-5422)

123S M COMBER Asst Controller and Dir of Finance (607-256-2039)

7250 Agriculture

AGRONOMY

123M J WRIGHT PhD Prof Field Crops and Head of Dept 2JEFFREY ADAMSON PhD Res Assoc Soil Chem 12MARTIN ALEXANDER PhD Prof Soil Microbiol

125W H ALLAWAY PhD Prof Soil Chem

123R W ARNOLD PhD Assoc Prof Soil Genesis and Classif

23T W BATEMAN BS Res Assoc Sugarbeets

12D R BOULDIN PhD Prof Soil Fert

23R F BURT MS Res Spec Field Crops

2W R CLAYTON BS Res Assoc Anal Chem

1245M G CLINE PhD Dsc Prof Soil Sci

2D P COX PhD Res Assoc Soil Microbiol

2W F CRONEY MS Ext Assoc Soil Conserv

123B E DETHIER PhD Prof Agr Met

12MATTHEW DROSDOFF PhD Prof Tropical Soils

123W B DUKE PhD Asst Prof Weed Control 12J M DUXBURY PhD Asst Prof Soil Chem

1234REESHON FEUER PhD Prof Agron Ext

2R W FLEMING PhD Res Assoc Soil Microbiol

12R H FOX PhD Asst Prof Tropical Soils

2A J FRANCIS PhD Res Assoc Soil Microbiol

2G R FREE MS Assoc Prof Soil Mgt

12D D FRITTON PhD Asst Prof Soil Phys

2H T GREWELING MS Dir of Labs

125D L GRUNES PhD Assoc Prof Soil Chem 125J F HODGSON PhD Assoc Prof Soil Chem

25W A HOUSE PhD Res Assoc Anim Physiol

12H A KERR MSA Prof Soil Conserv

2S D KLAUSNER MS Res Assoc Soil Conserv

12W W KNAPP PhD Asst Prof Agr Met

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Agriculture-Continued

123R E KRFNZIN PhD Assoc Prof Field Crops Ext

125JOE KUBOTA PhD Assoc Prof Soil Classif

1234D J LATHWELL PhD Prof Soil Fert

125E R LEMON PhD Prof Soil Phys and Agr Met

125D L LINSCOTT PhD Assoc Prof Weed Control

123R F LUCEY PnD Prof Field Crops

12H A MacDONALD PhD Prof Field Crops

12R D MILLER PhD Prof Soil Phys and Dean Univ Faculty

12R B MUSGRAVE PhD Prof Crop Ecol

12R L OBENDORF PhD Asst Prof Crop Physiol

123G WOLSON PhD Asst Prof Soil Surv Interpret

26A B PACK PhD Asst Prof Met

12MICHAEL PEECH PhD Prof Soil Chem

123W S REID PhD Asst Prof Soil Fert Ext

123T W SCOTT PhD Assoc Prof Sugarbeets
123R F SEANEY PhD Prof Forage Crops Ext
123E I. STONE Jr PhD Prof For Soils

123F N SWADER PhD Asst Prof Agron Ext

2R M WFAVER PhD Res Assoc Soil Sci

2D O WILSON PhD Res Assoc Soil Sci

12P J ZWERMAN PhD Prof Soil Conserv

ANIMAL SCIENCE

123J K LOOSLI PhD Prof Anim Nutr and Head of Dept

23H R AINSLIE PhD Prof Dairy Cattle

23W F BRANNON PhD Assoc Prof Sheep
12R W BRATTON PhD Assoc Prof Physiol Reprod

3J D BURKE MS Prof Dairy Cattle

23H W CARTER PhD Prof Dairy Cattle

234C E COPPOCK PhD Assoc Prof Dairy Cattle

12R T DUBY PhD Asst Prof Physiol Reprod 12J M ELLIOT PhD Assoc Prof Dairy Cattle

23R W EVERETT PhD Asst Prof Anim Genet

12R H FOOTE PhD Prof Physiol Reprod

12WILLIAM HANSEL PhD Prof Physiol Reprod

23D A HARTMAN PhD Assoc Prof Dairy Cattle

12C R HENDERSON PhD Prof Anim Genet

12H F HINTZ PhD Asst Prof Horses 12D E HOGUE PhD Ass∞ Prof Sheep

3M D LACY MS Prof Beef Cattle

23L L LARSON PhD Asst Prof Physiol Reprod

12J E LOWE PhD Assoc Prof Horses

12R E McDOWELL PhD Prof Environ Physiol

23A M MEEK PhD Assoc Prof Anim Genet

12W G MERRILL PhD Assoc Prof Dairy Nutr

12J I MILLER PhD Prof Beef Cattle
12P D MILLER PhD Asst Prof Anim Genet

23R P NATZKE PhD Asst Prof Dairy Cattle

23E A PIERCE PhD Assoc Prof Beef Cattle and Swine

12W G PON! PhD Prof Swine 12J T REID PhD Prof Anim Nutr

23S W SABIN PnD Assoc Prof Horses and Cattle

12G H SCHMIDT PhD Assoc Prof Dairy Cattle

12H F SCHRYVER PhD Assoc Prof Horses

23S T SLACK PhD Prof Dairy Cattle

12S E SMITH PhD Prof Anim Nutr

23R W SPALDING PhD Prof Dairy Cattle and Prog Ldr Agr Manpower

12J R STOUFFER PhD Assoc Prof Meats

25H F TRAVIS PhD Assoc Prof Mink

12G W TRIMBERGER PhD Prof Dairy Cattle
12D R VAN CAMPEN PhD Asst Prof Anim Nutr

12P J VAN SOEST PhD Assoc Prof Anim Nutr 12L D VAN VLECK PhD Assoc Prof Genet

124W J VISEK MD PhD Prof Nutr and Compar Metab 12R G WARNER PhD Prof Anim Nutr

12G H WELLINGTON PhD Prof Meats

COMMUNICATION ARTS (AGR AND HUMAN ECOLOGY) 123W B WARD MS Prof Ed and Chief of Pubs Head of Dept

3R J AMES MS Assoc Prof Commun 123KATHERINE E BARNES BS Ext Aide Press

12J A BARMIND PhD Asst Prof Oral Commun

123T R CASO BA Ext Aide TV 2DOROTHY C CHASE BS Ed Agr Pubs

13KA FHERING P CLAREY BS Ext Aide TV-Radio

12R D COLLF PhD Assoc Prof Commun

Agriculture-Continued

12R H CRAWFORD PhD Asst Prof Commun

123J K ESTES BFA Graphic Designer

3Mrs ELEANOR S FOSTER BS Ext Inform Spec Human Ecol

12C H FREEMAN MS Prof Oral Commun

3T P HANNA BA Ed Human Ecol

1Mrs JANE E HARDY BS Instr Commun

13J D HERSHBERGER MS Dir Educ TV Center Human Ecol

13N V JACOBS BS Educ TV Tech Human Ecol 12HOLIM KIV. PhD Asst Prof Commun

123Y H KIM MA Ext Spec Press

3JE LAWRENCE MS Assoc Prof Ext Coord

13R D MARTIN MS Prof Gral Commun 13J A MASON BFA Asst Pubs Prod Mar Human Ecol

3G N MENGERS BA — Ed Agr Pubs **12**K A MILLER PhD — Asst Prof Oral Commun

12C C RUSSELL PhD Prof Commun

1Mrs ENIL C SCHANTZ AB Instr Commun

3Mrs PATRICIA M SHORT BS Asst Ed Human Ecol

123V R STEPHEN MA Assoc Prof Visual Commun 3R G TURNER AAS Film Producer

2F B WARNER Jr BS Res Assoc

1Mrs SUSAN M WATKINS BS Instr Commun

123G C WEBB BS Radio Ed

13E Y WRIGHT BS Educ TV Engin Human Ecol

CONSERVATION

12D A WEBSTER PhD Prof Fishery Biol and Head of Dept

13H B BRUMSTED PhD Assoc Prof Conserv

126C A CARLSON PhD Asst Prof Fishery Biol (Coop

13J W CASLICK MS Ext Assoc Conserv

13ALEX DICKSON MS Assoc Prof For 126A W EIPPER PhD Assoc Prof Fishery Biol (Coop USDI)

23J R FAZIO BS Res Spec Conserv 2W A FLICK BS Res Assoc Fishery Biol

2J L FORNEY PhD Asst Prof Fishery Biol 123D L GILBERT PhD Prof Wildlife Mgt

2D M GREEN MS Hes Assoc Fishery Biol

123L S HAMILTON PhD Prof For

2E F. HARDY Res Assoc Conserv

1230 H HFWITT PhD Prof Wildlife Mgt

13J W KELLEY PhD Asst Prof Conserv 12R J McNEIL PhD Assoc Prof Conserv

12A N MOEN PhD Asst Prof Wildlife Ecol

12R R MORROW Jr PhD Assoc Prof For

2R L NOBLE PhD Res Assoc Fishery Biol

12R T OGLESBY PhD Assoc Prof Aquatic Sci 126M E RICHMOND PhD Asst Prof Wildlife Mgt (Coop USDD

2C L SCHOFIELD MS Res Assoc Fishery Biol 126D Q THOMPSON PhD Assoc Prof Wildlife Mgt (Coop USDI)

12R G WERNER PhD Asst Prof Fishery Biol 123B T WILKINS PhD Asst Prof Conserv

13F E WINCH Jr MF Prof For

12W D YOUNGS MS Res Assoc Fishery Biol

COOPERATIVE EXTENSION ADMINISTRATION (AGR AND HUMAN ECOL)

3CARGLYN O BOEGLY MS Asst Prof Coop Ext and Ext Lir Human Ecol

3G J BROADWELL PhD Asst Prof Coop Ext and Asst Dir Coop Ext

3W D BROWN MS Asst Prof Coop Ext and Ext Ldr Agr 3H E CARLEY MS Senior Ext Assoc and Ext Ldr 4-H

Oper

3CANDRA CLARKSON BS Ext Spec-Pers 3Mrs NATALIE D. CROWE MS | Asht Prof Coop Ext and Ext Ldr Human Ecol

3D W KIK MEIG - Ext Assoc

3C F DVORAK Jr MS Senior Ext Assoc and Ext Prog Ldr 4-H

3R C HODNETT MS Senior Ext Assoc and Ext Ldr Agr

3D L JEWETT MS Assoc Prof Coop Ext and Ext Rep

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3Mrs MARIAN M KIRA MS Senior Ext Assoc and Ext Prog Ld: Human Ecol

3H M LINCOLN MPA Senior Ext Assoc and Pers and Mat Spec

3H W MATOTT MS Assoc Prof Coop Ext and Ext Ldr Agr 3S SUZANNE MATSEN MS Asst Prof Coop Ext and Asst Dir for Cornell State OEO Proj

3Mrs LOIS F McGURK MS Senior Ext Associand Ext Prog Ldr 4-H

3RHODA MEKEEL MA Asst Prof Coop Ext and Ext Rep 3Mrs NANCY PMILLER MS Senior Ext Associand Ext Ldr Human Ecol

3D F PICKETT MS Senior Ext Associand Ext Rep 3J C PRESTON DEd Asst Prof Coop Ext and Ext Prog Ldr Agr

3L L RHONEMUS MS Senior Ext Assoc and Ext Ldr 4-H 3ETHEL W SAMSON MA Assoc Prof Coop Ext and Ldr Human Ecol Pers

3J S SPERO MS Senior Ext Assoc and Ext Ldr 4-H 3J C STERLING MA Senior Ext Assoc

3PHYLLIS E STOUT MS Assoc Prof Coop Ext and Ext

3J C SWAN MS Prof Coop Ext and Asst Dir Agr 3H B SWEET BS Assoc Prof Coop Ext and Asst to the Dır

3H P WARNOCK MPA Senior Ext Assoc and Ext Rep 3MARY B WOOD MSEd Assoc Prof Coop Ext and Ext Ldr Hur an Ecol

3C E WRIGHT PhD Prof Consum Educ and Spec Asst to the Dir (N Y City)

3Mrs BETTIE L YERKA MS Assoc Prof Coop Ext and Pro 1 Ldr

3GEORGE ZONITCH MS Senior Ext Assoc and Ext Ldr Agr

ECONOMICS (AGR)

123B F STANTON PhD Prof Farm Mgt and Chmn of Dept

123D J ALLEE PhD Assoc Prof Resource Econ 123R D APLIN PhD Prof Mktg

4RANDGLPH BARKER PhD Assoc Prof Agr Econ 4S L BARRACLOUGH PhD Prof Agr Econ

123S A BELDEN PhD Asst Prof Agr Econ

123C A BRATTON PhD Prof Farm Mgt 123E H BROWN PhD Prof Bus Mgt

123M E BRUNK PhD Prof Mktg

123J B BUGLIARI LLB Assoc Prof Agr and Bus Law

123D I. CALL PhD Prof Food Econ

123G L CASLER PhD Assoc Prof Farm Mgt
123H E CONKLIN PhD Prof Land Econ

123G J CONNEMAN Jr PhD Prof Agr Econ 4L B DARRAH PnD Prof Mktg

2R F DAY BS Res Ass∞

123B A DOMINICK Jr PhD Prof Mktg

123W G EARLE PhD Prof Mkta

123D A EILER PhD Asst Prof Agr Econ

40 E FORKER PhD Assoc Prof Mktg

12D K FREEBAIRN PhD Assoc Prof Agr Econ

3G A GERMAN MS Food Distrib Spec

123D C GOGDRICH Jr PhD Prof Mktq

123G W HEDLUND PhD Prof Agr Econ

25H P HINMAN PhD Asst Prof Agr Econ

123R B HOW PhD Prof Mktg

2C S HUNT Jr MS Res Assoc 123R J KALTER PhD Asst Prof Resource Econ

123C D KEARL PhD Prof Farm Mgt

123E L. LADUE PhD Asst Prot Agr Econ 4C W LCCMIS PhD Prof Farm Mat

3A C LOWRY MS Ext Assoc

123E A LUTZ PhD Prof Public Admin

3A R MARION BS Ext Spec
41 W MCLLOR PhD Prof Aur Econ
21 F MCTZ Tr PhD Prof Mktg

123T I MOUNT PhD Asst Prof Agr Econ

123D I PADBERG PnD Assoc Prof Mktg

12T T POLEMAN Jr PhD Assoc Prof Agr Econ

123K L ROBINSON PhD Prof Agr Econ

123D CONTER Phi Assoc Proi Agr Geog 123R S SMITH PhD Prof Farm Finance

3S F SMITH MS Ext Assoc

2D P SNYDER MS Res Assoc

Agriculture-Continued

123R P STORY PhD Prof Mktg 123W G TOMEK PhD Prof Prices

123S W WARREN PhD Prof Form Mgt

EDUCATION

1HELEN L WARDEBERG PhD Prof and Chmn of Dept

1H G ANDRUS PhD Prof Guidance and Pers Admin

1J P BAIL PhD Prof and Instr Mater Spec Agr Educ

1A L BERKEY PhD Asst Prof Agr Educ

1R L BRUCE PhD Assoc Prof Ext Educ

1D C BURGETT PhD Ext Assoc Instr Mater Spec Agr Educ

1H R CUSHMAN PhD Prof Agr Educ

IW E DRAKE PhD Prof Agr Educ

1Mrs JOAN REGNER EdD Assoc Prof Educ Admin

1R B FISCHER PhD Prof Nature and Sci Educ

1H A GEISELMANN PhD Prof Math. Educ

IM D GLOCK PhD Prof Educ Psychol

1D B GOWIN PhD Prof Educ Fdn

1E J HALLER PhD Asst Prof Educ Admin

1D E HEDLUND PhD Asst Prof Occup Psychol and Guidance

IL B HIXON EdD Prof Educ

IJP LEAGANS PhD Prof Ext Educ

1G W McCCNKIE PhD Assoc Prof Psychol and Educ Psychol

1JASON MILLMAN PhD Prof Educ Res Methods

1A G NELSON PhD Prof Counseling Psychol

1J D NOVAK PhD Prof Sci Educ

1W J PAUK PhD Prof Educ

1ISABEL J PEARD PhD Prof Educ

1R E RIPPLE PhD Prof Educ Psychol

IV N ROCKCASTLE PhD Prof Nature and Sci Educ

1F H STUTZ PhD Prof Hist of Educ 1F K T TOM PhD Prof Agr Educ

14L L MICKS MS Ext Assoc Instr Mater Spec Agr Educ

ENGINEERING (AGR)

1230 C FRENCH MS Prof and Head of Dept

2A C ANTHONISEN MS Res Assoc Agr Waste Treatment

123R DBLACK PhD Assoc Prof Soil and Water Engin

23J K CAMPBELL MS Asst Prof Power and Mach 12J R COOKE PhD Asst Prof Environ Syst

23H R DAVIS MS Assoc Prof Poultry Structures

3E O EATON PhD Assoc Prof 4-H

3E W FOSS MS Prof Safety and RRD

12R B FURRY PhD Assoc Prof Structures

23R W GUEST MS Assoc Prof Mater Handling Equip

12W W GUNKEL PhD Prof Power and Mach

25A G HASHIMOTO MS Res Assoc Agr Waste Treatment

23W # IRISH MS Assoc Prof Dairy Structures
23J W LAYER MS Assoc Prof Storage Structures

1F G LECHNER EdD Assoc Prof Agr Mech

12GILBERT LEVINE PnD Assoc Dir Center for Internatl Studies and Prof Soil and Water Engin

12R C LOEHR PhD Prof Agr Waste Treatment

12H A LONGHOUSE MS Lect Engin Graphics and Mach 123R T LORENZEN MS Assoc Prof Structures

12D C LUDINGTON PhD Assoc Prof Agr Waste Treatment

23E D MARKWARDT MS Prof and Ext Ldr

12W F MILLIER PhD Prof Power and Mach
2R A PELLERIN MS Res Assoc Mater Handling Equip

2J G POLLOCK BS Res Assoc Power and Mach

2T B S PRAKASAM PhD Res Assoc Agr Waste Treatment

4D R PRICE MS Assoc Prof Elec

12G E REHKUGLER PhD Assoc Prof Power and Mach

4N R SCCTT PhD Assoc Prof Structures and Environ

4E S SHEPARDSON MS Prof and Coord Res

2A T SOBEL MS Res Assoc Agr Waste Treatment

13J W SPENCER PhD Vice Dir Coop Ext and Prof Rural Highways

23D C SPRAGUE MS Asst Prof Elec 2E G SRINATH PhD Agr Waste Treatment

23C S WINKELBLECH MS Prof Soil and Water and Mach

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Agriculture—Continued

ENTOMOLOGY

123B V TRAVIS PhD Prof Med Ent and Parasit and Head of Dept

12C O BERG PhD Prof Limnol

123J L BRANN Jr PhD Prof Econ Ent

12W L BROWN Jr PhD Prof Taxon

123J E DEWEY PhD Prof Econ Ent

12G C EICKWORT PhD Asst Prof Morphol

12P P FEENY PhD Asst Prof Ecol

12J G FRANCLEMONT PhD Prof Taxon

12G G GYRISCO PhD Prof Econ Ent

123R G HELGESEN PhD Asst Prof Econ Ent

123W T JCHNSON PhD Assoc Prof Econ Ent and Plant Path

12J P KRAMER PhD Assoc Prof Ins Path

12D J LISK PhD Prof Pesticide Chem

123J G MATTHYSSE PhD Prof Econ Ent

123R A MORSE PhD Prof Apic 123A A MUKA PhD Prof Econ Ent

12R L PATTON PhD Prof Ins Physiol

123L L PECHUMAN PhD Assoc Prof Ent and Curator of ไทร

12DAVID PIMENTEL PhD Prof Ins Ecol

123E M RAFFENSPERGER PhD Assoc Prof Econ Ent

123W A RAWLINS PhD Prof Econ Ent

124R B ROOT PhD Assoc Prof Ins Ecol

123MAURIE SEMEL PhD Assoc Prof Econ Ent (PO Riverhead)

12M J TAUBER PhI: Asst Prof Ecol

12C F WILKINSON PhD Asst Prof Ins Toxicol

12R G YOUNG PhD Assoc Prof Ins Brochem

FLORICULTURE AND ORNAMENTAL HORTICULTURE

123J W BOCDLEY PhD Pro: Flor and Head of Dept 23ARTHUR BING PhD Prof Flor (PO Farmingdale)

1J D CARPENTER MLA Asst Prof Landsc Arch

123J F CORNMAN PhD Prof Ornam Hort

1R L DWELLE BLA Lect Landsc Arch

1Mrs ANN M ELLIOT BFA Lect Freehand Drawing

3C C FISCHER MS Assoc Prof Flor

17 T FOX PhD Assoc Prof Flor 123G L GOOD PhD Asst Prof Oman. Hort

3C F GORTZIG MS Asst Prof Flor 1R J LAMBERT MS Assoc Prof Freehand Drawing

123R W LANGHANS PhE Prof Flor

1R M LEWIS PhD Dir Cornell Plantations

3A S LIEBERMAN MS Assoc Prof Flor

12R G MOWER PhD Assoc Prof Omam Hort

1R J SCANNELL MLA Assoc Prof Landsc Arch 3E F SCHAUFLER MS Assoc Prof Flor

1234J G SEELEY PhD Prof Flor

12P L STEPONKUS PhD Asst Prof Ornam Hort

12H B TUKEY Jr PhD Prof Omam Hort

FOOD SCIENCE

123R F HOLLAND PhD Prof and Head of Dept

123D K BANDLER BS Ext Spec

123R O BROWN Ext Aide

12P A BUCK PhD Assoc Prof Food Biochem

12N C DONDERO PhD Prof Applied Microbiol

12L F HOOD PhD Asst Prof Food Chem.
12W K JORDAN PhD Prof Food Engin

12J E KINSELLA PhD Asst Prof Lipid Chem

12F V KOSIKOWSKI PhD Prof Food Fermentations

123R I LACHMAN MS Tech Serv Engin
12R A LEDFORD PhD Assoc Prof Protein Chem

123R P MARCH MS Prof Dairy Ext 12N N POTTER Phil Assoc Prof Food Sci 12J W SHERBON PhD Assoc Prof Food Chem

12W F SHIPE Jr PhD Prof Flavor Chem.

123J C WHITE PhD Prof Food Microbiol

LIBERTY HYDE BAILEY HORTORIUM

12D M BATES PhD Assec Prof Bot and Dir

12W J DRESS PhD Prof Bot

3P A HYYPIO PhD Ext Ass∞ Bot

12J W INGRAM Jr PhD Assoc Prof Bot

12H E MOORE Jr PhD Prof Bot

2Mrc NATALIE W UHL PhD | Senior Hel Assoc Bot

Agriculture-Continued

PLANT BREEDING AND BIOMETRY

123R L PLAISTED Ph!" Prof Potato Brdg and Head of l'ept

12R E ANDERSON PhD Assoc Prof Sugarbeet Brdg

12Mrs AURORA V CALO PhD Res Assoc

121. V CROWLER PhD Frof Plant Brdg and Internati Ågr

12W T FEDERER PhD Prof Biol Statis Biomet Unit

12C O GROGAN PhDProf Com Brdg12N F JENSEN PhDProf Cerea.s Brdg

12C C LOWE PhD Prof Forage Brdg

12C E MANCHESTER Res Assoc Com Brdg

12H M MUNGER PhD Prof Veg Crops and Plant Brdg
12R P MURPHY PhD Prof Forage Brdg

123W I PARDEE PhD Prot Plant Brda 120 H PEARSON PhD Senior Res Acsoc

12D S ROBSON PhD Prof Biol Statis Biomet Unit

125H M SCHAAF PhD Prof Forage Brda

12S R SEARLE PhD Prof Biol Status Biomet Unit

12D L SOLOMON PhDAsst Prof Biol Statis Biomet Unit12D H WALLACE PhDAssoc Prof Veg Crops and Plant

Brdg

PLANT PATHOLOGY

123G C KENT PhD Prof and Head of Dept

12! I BATEMAN Phi. Fre: Pathogen and Dis Physiol

123S V BEER PhD Asst Prof Fruit Dis

12C W BOOTHROYD PhD Prof and Assoc Head Corn Dis

125B R BRODIE PhD Assoc Prof Nematol

23R C CETAS PhD Assoc Prof Veg Dis (PO Riverhead)
12R S DICKEY PhD Prof Phytobact
123A W DIMOCK PhD Prof Ornam Dis and Epidem

23M B HARRISON PhD Ass∞ Prof Nematol (PO Farmingdale)

23R K HORST PhD Asst Prof Ornam Dis

3W T JOHNSON PhD Assoc Prof Tree Pests 4-H

23E D JONES PhD Assoc Prof Potato Dis

123R P KORF PhD Prof Mycol

23J W LORBEER PhD Assoc Prof Veg Dis

123W F MAI PhD Prof Nemotol
12R L MILLAR PhD Prof Path Physiol and Forage Dis
23K G PARKER PhD Prof Fruit Dis

2L C PETERSON PhD Prof Potato Dis

25W F ROCHOW PhD Prof Virol

12A F ROSS PhD Prof Virol 2340 F SCHULTZ PhD AssocProf Field Crop Dis

3A + JHi RF PhD Prof Vea Lis

1234 WA STREET AIR PhD Prof Ved Lis

1234 WA STREET AIR PhD Assoc Prof Tree Dis

12H D THURSTON PhD Prof Internatl Agr

23R F. WILKINSON PhD Assoc Prof Veg Dis

23C E WILLIAMSON PhD Assoc Prof Ornam Dis (PO Farmingdale)

POMOLOGY

12L JEEGERTON PhD Prof Prod and Head of Dept 23G D BLANPIED PhD Assoc Prof Storage

12L. L. CREASY PhD Assoc Prof Biochem Flavonoids 23G H. CRERLY, PhD Assoc Prof Nutr

12L E POWELL Jr PhD Ass∞ Prof Tree Physiol

12R M SMOCK PhD Prof Storage

13J P TOMKINS PhD Assoc Prof Small Fruits 2MARY H WILDF PhD Res Assoc Andt

POULTRY SCIENCE

12R J YOUNG PhD Prof Anim Nutr and Head of Dept 12R F AUCTIC PhD Asst Prof Anim Nutr 12R C BAKER PhD Prof Food Sci

12ANDRE BENSADOUN PhD Assoc Prof Avian Physiol

12S E BLOOM PhD Asst Prof Cytogenet

12R K COLE PhD Prof Anim Genet
2W F DE AN PhD Senior Res Assoc Anim Nutr (PO Eastport)

30 F JOHNDREW Jr MS Assoc Prof Poultry

12M C NESHEIM PhD Prof Anim Nutr 3C E OSTRANDER MS Assoc Prof Poultry

3E A SCHANO MS Assoc Prof Poultry

12M L SCOTT PhD Prof Anim Nutr

3G H THACKER MS Assoc Prof Poultry

12ARI van TIENHOVEN PhD Prof Avian Physiol

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Agriculture—Continued

SOCIOLOGY (RURAL)

- 123H R CAPENER PhD Prof and Head of Dept Community and Regional Devlpmt
- 15W W BAUDER PhD Prof Occup Res
- 12PIERPE CLAVEL PhD Prof Planning and Regional Dev.pr t
- 13G J CUMMINGS PhD Prof Bural Devil, int 123P B EPPRO PhD Assoc Fruit Political Social
- 123E C ERICKSON PhD Assoc Prof Community Devlpmt and Social Change
- 1A G FELDT PhD Assoc Prof Ecol and Urban Planning
 5 H IM EY PhC has Absoc Inter-Crain Rolat
 12 D ROMAN SPHE Assoc Prof Ecol and Urban Planning
 6 Has Absoc Inter-Crain Rolat
 Assot Prof Res Methods and Statis
 120 F LARSON PhD Prof Rural Social Syst and Public Policy
- 12R A POLSON PhD Prof Community Devlpmt and Social Change
- 12% Work.El.Elk Pa^{re} Prof Decicion-ruking Plunning Cocia. Chan iei
- 3BERNICE MISCOTT MA Assoc Prof Youth Recrea-
- 12J E. J. A. (KU ALF) PhD A.s. t Prof Ediship and Sociol of A m
- 12PHILIP TAIETZ PhD Prof Geron and Sociol of Occup 1W F WHYTE PhD Prof Human Relat and Organ Behavior
- IL K WILLIAMS PhD Assoc Prof Organ Behavior
- 1R M WILLIAMS Jr PhD Prof Amer Society Sociol Organ and Change
- 12F W YOUNG PhD Prof Compar Societal Anal
- 2Mrs RUTH C YOUNG PhD Res Assoc Compar Societal Anal

VEGETABLE CROPS

- 123E B OYER PhD Prof Plant Physicl and Head of Dept 2S L DALLYN PhD Prof Variety Eval and Nutr (PO Riverhead)
- 23E E EWING PhD Assoc Prof Flant Physiol Potatoes
- 2J D HAR IMAN Pal Prot Post Har est Physicl
- 2C Y SU Pr. Bes Assoc Plant Physiol
- 23 M ISENBERG PhD | Prof Post Harvest Physiol
- 12W C KELLY PhD Prof Veg Nutr 123P A MINGES PhD Prof Variety Eval and Ext
- 23P L MINOTTI PhD Asst Prof Lettuce Brdg and Muck Crop Nutr
- 12F M VUNGER Ph' Prof Vel: Crops and Plant 124J L BUN PhD Assoc Prof Plant Physiol Prof Vel: Crops and Plant Brda
- 20 H PEARSON PnD Senior Res Assoc Veg Crops and Plant Brdg
- 23R F SANDSTED PhD Assoc Prof Legume Crops
- 2P A SCHIPPERS DSc Senior Res Ass∞ Post Harvest Physiol (PO Riverhead)
- 12RAYMOND SHELDRAKE Ir PhD Prof Plastics and Flant Growing
- 3J B SIECZKA BS Ext Spec Potatoes 12R D SWEET PhD Prof Weed Control
- 123L D TOPOLESKI PhD Assoc Prof 4-H Ext
 - 2D H WALLACE PhD Ass∞ Prof Veg Crops and Plant Brda

Division of Biological Sciences

7255

- BIOCHEMISTRY AND MOLECULAR BIOLOGY
 - 12J L GAYLOR Fhi Prof and Chan of Sect Sterol B.osynth.
 - 12J M CALVO PhD Asst Prof Biochem Control Mechanisms
 - 12LOUISF J TANIEL PhD Prof Biochem Functions of Vitamins
- 124R W HOLLEY PhD Prof Biochem Nucleic Acids 12DLITABETH B KELLER Pht Abst Prof Prosynth Proteins
- 12R E McCARTY PhD Asst Prof Electron Transport Phosphorylation
- 12A L NEAL PhD Assoc Prof Metabolism Plant Path Organisms
- 12W L NELSON PhD Prof Cellular Growth and Function
- 12EFRAIM HACKER ML Frot Brochem Energy Metab 12H H WILLIAMS Ph.D. Prot Brochem Protein Blosynth

Division of Biological Sciences-Continued

ECOLOGY AND SYSTEMATICS

- 12J & HUESON PED Assoc Prof and Chmn of Sect 12J P BARLOW PEP Assoc Prof Oceanog
- 12T J CADE PhD Prof Zool
- 12W N McFAFLAND PhP Assec Prof Zool
- 12F II POUGH PLD Asst Prof Herpetol
 12E C RANEY PhD Prof Zool and Fishery Biol
- 12L D UHLER PhD Prof Biol
- GENETICS, DEVELOPMENT, AND PHYSIOLOGY
 12H T STINSON Jr PhD Prof Genet and Chmn of Sect

 - 12H P BANKS PhD Prof Bot 12P J BRUNS PhD Asst Prof Genet
 - 12R K CLAYTON PhD Prof Biophys in Applied Phys
 - 12W S COHEN PhD Res Plant Physiol
 12P J DAVIES PhD Plant Physiol

 - 12G R FINK PhD Asst Prof Genet
 - 12A T JAGENDORF PhD Prof Plant Physiol
 - 12J M KINGSBURY PhD Prot Bet
 - 12J V LEARY PhD Genet
 - 12R J MACINTYRE PhD Asst Prof Genet
 - 12W J MCRRISCN PhD Genet
 - 12D I PAOLILLO Ir PhD Prof Bot
 - 12M V PARTHASARATHY PhD Plant Anat
 - 12 RYRIE PhD Res Assoc Plant Physio!
 - 12LOUIS CHERMAN PhD Phys
 - 12% E SIGTROM Ph.D. Phys
 - 12R M SPANSWICK PhD Asst Prof Plant Physiol
 - 12A M SRB PhD Prof Genet
 - 12C H UHL PhD Assoc Prof Bot
 - 12BRUCE WALLACE PhD Prof Genet
 - 12S EL WILLIAMS PhD Plant Physiol
 - 12H F YAU PhD Res Assoc Phys

LABORATORY OF CELL PHYSIOLOGY, GROWTH, AND DEVELOPMENT

- 12F C STEWARD PhD DSc FRS Alexander Prof of Biol Sci and Dir of Lab
- 2H W ISHAEL, PhD Senior Res Assoc Electron Micros Plant Cells
- 2R L MOTI PhD Res Assoc Plant Nutr at the Cellul Level

MICROBIOLOGY

- 12JANE GIBSON PhD Assoc Prof Microbiol and Acta Chmn of Sect
- 12E A DELWICHE PhD Prof Microbiol
- 12R E MacDONALD PhD Assoc Prof Bact
- 12H B NAYLOR PhD Prof Microbiol
- 12H W SEELEY Jr PhD Prof Microbiol 12L I SLOBIN PhD Asst Prof Immunochem
- 12P J VAN DEMARK PhD Prof Microbiol
- 12S A ZAHLER PhD Assoc Prof Microbiol

- NEUROBIOLOGY AND BEHAVIOR

 12W T KFETCN PhD Prof Biol and Chmn of Sect
 - 12H W AMBROSE PhD Asst Prof Biol
 - 12J M CAMHI PhD Asst Prof Biol
 - 12THOMAS EISNER PhD Prof Biol 12R D O'BRIEN PhD Prof Neurobio!

WEIGAND HERBARIUM

12R T CLAUSEN PhD Prof Bot

Human Ecology

7260

COMMUNITY SERVICE EDUCATION

- 123KATHLEEN RHODES PhD Prof Curriculum and Higher Educ and Actg Chmn of Dept
 - 1R J BABCCCK Assoc Prof EdD Counseling and Vocat Decision Making
- 124SARA E BLACKWELL PhD Prof Educ Eval
- 1ALICE J DAVEY MS Assoc Prof Problem Solving 134IRENE I IMBLER PED Asst Prof Adult Educ
- 12MARION MINOT PhD Asst Prof Curriculum and Second Educ
- 123Mrs HELEN Y NELSON PhD Prof Educ Eval and Supervision

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Human Ecology-Continued

23LUCINLA A NOBLE PhD Assoc Prof Family Intervention

3Mrs ARPIE SHELTON MSW Ext Assoc Gerontol 23Mrs JOAN W WRIGHT PhD Asst Prof Adult Educ 2Mrs BETTIL LEE YERKA MS Assoc Prof Adult Educ

CONSUMER ECONOMICS AND PUBLIC POLICY 123GWEN J BYMERS PhD Prof Econ and Chmn of Dept

34H B BIESDORF PhD Assoc Prof Econ 124L L BOWER PhD Assoc Prof Housing 12SIMONE CLEMHOUT PhD Assoc Prof Econ 12C B DANIELS PhD Asst Prof Housing

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12W E GAUGER PhD Asst Prof Econ 3A J HAHN PhD Asst Prof Housing 12E W MORRIS PhD Asst Prof Housing 1Mrs JEAN ROBINSON PhD Instr Econ 124Mrs ETHEL L VATTER PhD Prof Econ, Asst Coord

of Res in Human Ecol, and Asst Dir of Sta 1J A VILLEGAS MA Asst Prof Housing 12KATHRYN E WALKER PhD Assoc Prof Household Mgt

34ELIZABETH WIEGAND PhD Prof Household Econ

12MARY WINTER PhD Asst Prof Housing

DESIGN AND ENVIRONMENTAL ANALYSIS

123JOSEPH CARREIRO BS Prof Design and Chmn of Dept

12ROSE E STEIDL PhD - Assoc Prof Mgt and Asst Chmn of Dept

3Mrs MALINDA ARGOTSINGER BS Ext Assoc Int Lesian

TROBERT BARTHOLOMEW MFA Asst Prof Design $3 \mbox{Mrs}$ MADELINE C BLUM MS — Assoc Prof Text and Cloth

IMICHAELL BOYL BA Asst Prot Design
1A F. PUSHNELL MEA - Asst Prof Design
1HELEN J CADY MEA - Assoc Prof Int I

1HELEN J CADY MFA Assoc Prof Int Design 134CANCY & CONKLYN MS Assoc Prof Text and Cioth 3Mrs PAMELA ERICKSON BS Ext Aide Text and Cloth

34C F GARNER MEA - Assoc Prof Int Design 1Mrs ANITA GREZELAK MA - Instr Text and Cloth 1JOHN HANNA MFA Lect Design
3/2FLDA HOLLEY MS Ext Assoc Text and Cloth

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12JCGEPH KONCELIK MA Asst Prof Design 12BERTHA A LEWIS PhD Assoc Prof Text and Cloth

1F L MANN BArch Lect Design

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2S H MENSCH BArch Res Assoc Design 1G C MILLICAN MFA Assoc Prof Int Design

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125 H. OCTRANCER PhD Assoc Prof Social Psychol Env.ron

12MARY E PURCHASE PhD Assoc Prof Hishold Mgt and Equip

3Mrs REGINA PROTOR BS Ext Assoc Design 12EVELYN F. STOUT EdD Prof Text and Cloth 1CLARA J STRAIGHT MFA Assoc Prof Design

1R K THOMAS BA Instr Design
12JAYNE VAN ALSTYNE MFA Asst Prof Design
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HUMAN DEVELOPMENT AND FAMILY STUDIES 123H N RICCIUTI PhD Prof Psychol of Infancy and Childhood and Chmn of Dept

123Mrs HELEN M BAYER PhD Prof Psychol of Childhood and Adolescence

IW L BRITTAIN EdD Prof Psychol of Creativity 12URIE BRONFENBRENNER PhD Prof Personality Devlomt and Cult

12J C CONDRY PhD Asst Prof Social Psychol of Children's Groups

12R H DALTON PhD Prof Personality Dynamics

Human Ecology-Continued

1234F. C DEVEREUX Jr PhD Prof Social of Fam 12 J L DORIS PhD Prof Child Clin Psychol 12HAROLD FELDMAN PhD Prof Fam Sociol 12H P GINSBURG PhD Assoc Prof Psychol of Cognition Devlpmt of Children

1231 S HARDING PhD Prof Child Guidance and Educ 12Mrs LAUREL HODGDEN PhD Assoc Prof Nursery and Preschool Educ

123JANE KNITZER PhD Asst Prof Community Psychol 12LEE C LEE PhD Asst Prof Social and Personality Devlomt

12ANNE McINTYRE PhD Asst Prof Social and Clin Psychol

12Mrs JOY D OSOFSKY PhD Asst Prof Psychol Social and Personality Devlpmt

12Mrs MARGARET PARKMAN-RAY PhD Asst Prof Social Psychol of Role Behavior in Fam

12MARION POTTS PhD Asst Prof Nursery and Preschool Educ

123D P ROY PhD Asst Prof Adolescent Sociol 12GEORGE SUCI PhD Prof Psycholinguistics

HUMAN NUTRITION AND FOOD

123E ELIZABETH HESTER PhD Prof and Chmn of Dept 1Mrs ISABEL ALETAMS Lect Admin Dietetics 12GERTRUDE D ARMBRUSTER PhD Assoc Prof Food

Sci 12Mrs MARJORIE M DEVINE PhD Asst Prof Nutr 3MILDRED S DUNN MA Assoc Prof Food and Nutr

1Mrs HELEN H GIFFT MS Assoc Prof Food and Nutr 3Mrs RUTH N KLIPPSTEIN MS Assoc Prof Food and Nutr

12NELL I MONDY PhD Assoc Prof Food Sci 12MARY A MORRISON PhD Prof Nutr

1KATHERINE J NEWMAN PhD Assoc Prof Nutr

12M J PICHEL BS ChE Asst Prof Food Sci 1SUSAN PICKELS MS Inst Food and Nutr

12JERRY M RIVERS PhD Assoc Prof Nutr 123Mrs DIVA SANJUR PhD Asst Prof Nutr 12RUTH SCHWARTZ PhD Assoc Prof Nutr 12Mrs JEAN SNOOK PhD Assoc Prof Nutr

3Mrs KATHRYN O VISNYEI MS Asst Prof Inst Dietetics
3Mrs MARJORIE B WASHBON MS Prof Food and Nutr

12CHARLOTTE M YOUNG PhD Prof Nutr

Miscellaneous (Agr and Human Ecol)

7270

123R J BABCOCK EdD Assoc Prof Human Ecol and Dir of Placement

IL W FEDDEMA PhD Asst Prof Pers Admin in Chg of Admissions (Agr) and Liaison with State of N Y and Transfer Stud Counselor (Agr)

1MARGARET GAFFNEY MA Asst Prof Human Ecol and Stud Counselor

IBARBARA MORSE MA Asst Prof Human Ecol and Stud Counselor

1H T MURPHY MALS Libr Albert R Mann Libr 1HELEN J PAPE MA Asst Prof Human Ecol and Stud Counselor

1S R SHAPLEY BS Prof Pers Admin in Chg Stud Pract (Agr)

1HS TYLER PhD Prof Pers Admin in Chg Vocat Guidance and Placement (Agr)

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123MARY B WOOD MSEd Assoc Prof Human Ecol Asst to Dean for Intercultural Affairs and Ext Ldr

Veterinary Medicine ANATOMY

Vet Anat

7280

12R E HABEL DVM MSc MVD Prof Vet Anat and Head of

Dept 12J F CUMMINGS DVM PhD Asst Prof Vet Anat 12ALEXANDER de LAHUNTA DVM PhD Ass∞ Prof

12 H E EVANS PhD Prof Vet Anat and Secy Col 12J T INGRAM DVM Visiting Asst Prof Vet Anat

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Veterinary Medicine-Continued

AVIAN DISEASES

123S B HITCHNER VMD Prof Avian Dis and Head of Dept 3C I ANGSTROM DVM Dir of Poultry Lab (Kingston)

123B W CALNEK DVM MS Prof Avian Dis

2JULIUS FABRICANT VMD PhD Prof Avian Dis

3JEAN R HAGAN DVM Dir of Poultry Lab (Oneonta)

3LOUIS LEIBOVITZ VMD Field Vet (Eastport)

123P P LEVINE DVM PhD Prof Avian Dis

3SAUL NAROTSKY DVM Dir of Poultry Lab (East Aurora)

1M C PECKHAM DVM Prof Avian Dis

3JESSIE I PRICE PhD Res Spec Poultry Lab (Eastport)
3THCMAS TOTH DVM Res Spec (Eastport)

3W D URBAN VMD Dir Duck Res Lab (Eastport)

LARGE ANIMAL MEDICINE, OBSTETRICS, AND SURGERY

12S J ROBERTS DVM MS Prof Vet Med and Obstet and Chmin of Dept

12JOHN BENTINCK-SMITH DVM Prof Vet Path

12G R BJORCK DVM PhD Visiting Prof of Surg

3V L BOLDT DVM Field Vet (Mastitis-East Aurora)

12R K BRAUN DVM Asst Prof in Dept of LAMOS
3H L BROWN DVM Field Vet (Mastitis—Earlville)

12D D DELAHANTY DVM MS Prof Vet Surg

12H O DUNN PhD Senior Res Assoc

13L E FIELD DVM Field Vet (Mastitis - Ithaca)

12F H FOX DVM Prof Vet Med and Obstet

12J C GEARY DVM Prof Radiol

13R S GUTHRIE DVM Supervising Vet (Mastitis)

12C E HALL DVM. Assoc Prof of Reprod Studies

123N B HAYNES DVM Assoc Prof Vet Sci

12R B HILLMAN DVM MS Assoc Prof Vet Med and Obstet

12R F KAHRO DVM PhD Assoc Prof Vet Epidem

3W E LINQUIST DVM Field Vet (Mastitis - Amsterdam)

12JE LOWE DVM MS Assoc Prof Vet Surg 12F F McCASHIN VMD MS Asst Prof Vet Surg

123KENNETH McENTEE DVM Prof of Med and Path and Assoc Dean for Clin Studies

12N L NORCROSS Ph. Prof Immunochem 12D S POSTLE DVM MS - Assoc Prof Vet Sci

12H F 3CHRYVER DVM PhD Assoc Prof of Path and Dir of Equine Res Prog

12] B TASKI'R I'VM PhD Prof Clin Path

3H C TEMPLE DVM Field Vet (Mastitis-Kingston)

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3L A WAGER DVM Field Vet (Mastitis - Canton)

12R H WHITLOCK DVM PhD Asst Prof Vet Med

12A J AIN. ER LVW PhD Fro: Vet Micros

MICROBIOL CGY

12D W BRUNER PhD DVM Prof Vet Microbiol and Chmn of Dept

12M J AFFI I. DMV PhD Assoc Prot Vet V.rol 12J A BAKER PhD DVM Prof Vet Virol and Dir Vet Virus Res Inst

123 G TAMP FILL, BVMS FhD A, sec Prof Vet Microbiol 1241, E CARMI THAEL, DVM PhD Prof Vet Virol

12." H GILLESPIE VMD - Frof Vet Bact

12K M LEE MD PhD Assoc Prof Virol

12GEORGE LUST PhD Asst Prof Biochem

12F W SCC CT DVM PhD Asst Prof Vet Microbiol
12F EURICA TY PhD Prof Nutriand Asst Dir Cornell Res

Lab. or Dis Dogs

PATHOLOGY

12C G RICKARD DVM PhD Prof Vet Path and Chmn of Dept Assoc Dean for Pre-Clin Studies

12C I BOYER Jr VMD MS Prof Lab Anim Med

12LEROY COGGINS DVM PhD Assoc Prof Vet Virol 12011 COPTR COUGHERTY HI VMD Phi Senior Hes

Auroc 123J R GEORGI DVM PhD Prof Vet Parasitol

12. M KING DVM PhD Assoc Prof Vet Park

12L P KROOK DVM PhD Prof Vet Path

12F M NORONHA DVM. Prof Vet Virol

12S R NUSPAUM DVM Dir Dragnostic Lan 12J E POST DVM PhD Assoc Prof Vet Path

12W J SICKLES DVM Senior Res Assoc

Veterinary Medicine-Continued

12: E WATERMAN DVM Senior Res Assoc

12J H WHITLOCK DVM MS Prof Vet Parasitol

PHYSICAL BIOLOGY

12C L COMAR PhD Prof Phys Biol and Head of Dept 124ALISON P CASARETT PhD Assoc Prof Phys Biol

12R A CORRADINO PhD Res Assoc

12P H CRAIG VMD MS Assoc Prof Path

12E L GASTEIGER Jr PhD Prof Phys Biol

12F L HILTZ PhD Senior Res Assoc

12F A KALLFELZ DVM PhD Asst Prof Radiat Biol

12 RUTH Z KORMAN PhD Res Assoc

12F W LENGEMANN PhD Prof Radint Biol

12HOWARD MORAFF PhD Senior Pes Assoc

12L L NANGEPONI DVM MS | Assoc Prof Vet Phys

12D N TAPPER VMD PhD Prof Phys Biol

12AN TAYLOR PhD Senior Res Associ

12J C THOMPSON Jr PhD Assoc Prof Environ Hadiat Biol

12R H WASSERMAN PhD Prof Radiant Biol 12R A WENTWORTH PhD Senior Res Assoc

PHYSIOLOGY, BIOCHEMISTRY, AND PHARMACOLOGY

12A F SELLERS VMD PhD Prof Vet Physiand Head of Dept

12% J ARION PhD Asst Prof Physiol Chem

12A L ARONSON DVM PhD Assoc Prof Vet Pharmacol

12E N BERGMAN DVM PhD Prof Vet Phys

124ALAN DOBSON PhD Pro: Vet Phys

12F D McLEOD Jr BS Res Spec Phys

12C E STEVENS DVM PhD Prof Vet Phys

12J F WOOTTON PhD Prof Physiol Chem

SMALL ANIMAL MEDICINE AND SURGERY

12RW KIRK DVM Prof Small Anim Mediana Dir et Small Anim Clin and Chmn of Dept

12S I BISTNER DVM Asst Prof Small Anim. Med

12G A BOLTON DVM Asst Prof Small Anim Med

12T H BRASMER DVM Assoc Prof Small Anim Surg 12G F. RCSS Jr DVM MS Assoc Prof Small Anim. Surg

MISCELLANEOUS

1H G MOWERS Farrier 1MARION NEWSON RN Med Illus 1MIA REINAP BS BS (Libr Sci) Libr

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2Station Staff 3Extension 4Leave of Absence 5Coop USDA

7285

2D W BARTON PhD Dir (315-787-2211) 2B F. CLARK PhD Asst Pur (315-787-2243)

Entomology 7300

2E H GLASS PhD Prof Fruit Ins and Head of Dept (315-787-2321) 2J A ADAMS PhD Assoc Prof Corn Ins (PO Highland)

2HEINRICH ARN PhD Asst Prof Insecticide Assay

2P J CHAPMAN PhD Prof Emer Fruit Ins Ecol

2A C DAVIS PhD Assoc Prof Veg Ins

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25B J FIORI PhD Asst Prof Soil Ins 2F D JUDGE PhD Asst Prof Veg Ins

2R E KUHR PhD Asst Prof Ins Toxicol

2S E LIENK PhD Prof Fruit Ins

2% L ROELOFS PhD - Assoc Prof Ins Attract on 2G A SCHAEFERS PhD Assoc Prof Small Fruits Ins

2M U SHAIKH PhD Res Assoc Ins Physiol

2Mrs CLARA M SPLITTSTOESSER PhD Res Assoc Ins Path

2T N TAFT BS Expt Grape Ins (PO Fredonia)

2E F TASCHENBERG PhD Prof Grape Ins (PO Fredonia)

2HARUC TASHIRO PhD Prof Nursery and Turn Inc.

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Entomology-Continued

2J F TETTE PhD Res Assoc Chemistry 2KENNETH TRAMMEL PhD Assoc Prof Fruit Ins

2L H WATERS MS Res Assoc Fruit lns (PO Highland)

2D R WEBB MS Expt Veg lns

Food Science and Technology

7310

2W B ROBINSON PhD Prof Fruits Vegand Juices Fermentation and Head of Dept (315-787-2254)

2TE ACREE PhD Asst Prof Physical Biochem 2J J BERTINO BA Res Tech Fermentation

2J B BOURKE PhD Asst Prof Pesticides (Ins Herbifungicides)

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2R M BUTTS BS Electron Tech Chromatograph Anal

2D L DOWNING PhD Asst Prof Fruit Veg and Juices

2S D GIBBS BS Chem Technol Agr Chem

2L R HACKLER PhD Assoc Prof Nutr and Nutr Values Amino Acids

2Y D HANG PhD Res Assoc Food Prod Food Proc Wastes

2GEZA HRAZDINA PhD Asst Prof Biochem Mech

2R L LABELLE BCE Prof Fruits Veg and Juices

2C Y LEE PhD Asst Prof Carbohydrates Fruits Veg and Juices

2L R LIND BS Expt Fruits Veg and Juices

2G L MACK PhD Assoc Prof Pesticides (Ins Herbifungicides)

2L M MASSEY Jr PhD Prof Physiol Postharvest Biochem Technol

2L R MATTICK PhD Prof Chromatograph Anal Biochem Anal Flavors Bioinstrumentation

2J C MOYER PhD Prof Food Engin

2A K MOZINGO MS Res Tech Flavors

2G F RICKEY BS Chem Tech Anim Feeds

2G D SARAVACOS PhD Asst Prof Chem Engin

2R S SHALLENBERGER PhD Prof Carbohydrates 2D F SPLITTSTOESSER PhD Prof Bact

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2K H STEINKRAUS PhD Prof Food Prod

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2H PAULINE JENNINGS BLS Libr (315-787-2214)

Plant Pathology

7320

2RM GILMER PhD Prof Nursery Stock Disand Head of Dept (315-787-2326)

2A J BRAUN PhD Prof Small Fruit Dis

2J D GILPATRICK PhD Asst Prof Orchard Fruit Dis

2J H FRIDRICH MS Res Assoc Orch Fruit Dis (PC Highland)

2A L GRANETT PhD Sen Res Assoc Electron Micros

2J A KEPLINGER Jr MS Expt Small Fruit Dis

2J J NATTI PhD Prof Veg Dis 2J R NEVILL MS Res Tech Orch Fruit Dis

2R S PROVVIDENTI DSc Res Assoc Veg Dis 2W T SCHROEDER PhD Prof Veg Dis

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Pomology

7330

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2O F CURTIS Jr PhD Assoc Prof Physiol
2C G FORSHEY PhD Prof Physiol (PO Highland)

2G E HOWARD Expt Vitic 2R V JENSEN Expt Pomol

2W J KENDER PhD Assoc Prof Physiol 2K H KIMBALL MS Res Assoc Vitic

2R C LAMB PhD Assoc Prof Brdg

Pomology-Continued

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2N J SHAULIS PhD Prof Vitic

2J P WATSON MS Fruit Technol Brdg

2R D WAY PhD Prof Brdg

Publications

7331

2R EKRAUSS BS Ed and Res Inform Spec and Head of Dept (315-787-2248)

Seed Investigations

2L W NITTLER PhD Prof Grain Turf and Forage Seed Variety Purity and Head of Dept (315-787-2245)

2C CANCJULU MS Seed Technol Seed Physiol

25S W BRAVERMAN PhD Assoc Prof Plant Introduction

2B E CLARK PhD Prof Veg Seed Res
25D D DOLAN PhD Assoc Prof and Regional Coord of Plant Introduction

2R E DRURY PhD Res Assoc Seed Physiol

2G E HARMAN PhD Asst Prof Seed Microbiol

2C E HEIT BS Seed Technol Flower and Tree Seed Germ

2T J KENNY BS Seed Technol Grain and Forage Seed Variety Purity

2A A KHAN PhD Asst Prof Seed Physiol

2Mrs DOROTHY B KLINE BS Seed Technol Veg Seed Germ

2Mrs BETTE NELSON Seed Technol Turf Seed Purity 2S R PATRICK BS Seed Technol Veg and Turf Seed Germ

2W R SHERRING MS Res Tech Plant Introduction 2E C WATERS Jr MS Res Tech Grain and Forage Seed Purity and Germ

Vegetable Crops

7333

2M TV1TTUM PhD Prof Veg Crops and Head of Dept (PC College of Laguana, Philippines) (315-787-2217)

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2A F CARRUTH BS Expt Hort

2M H DICKSON PhD Assoc Prof Genet (Beans Cabbage)

2G H GIBBS BS Seed Technol Hort

2G E MacDONALD MS Expt Soil Fert

2G A MARX PhD Assoc Prof Genet (Peas)

2WILLIAM MISHANEC BS Expt Genet (Peas Tomatoes)

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2R W ROBINSON PhD Assoc Prof Genet (Tomatoes Cucumbers)

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7334

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IE E PALMER PhD Pres of Col of For

IP F GRAVES PhD Assoc Dean for Col Forests and Public Serv and Cont Educ and Dir Sch Resources Mat

19R E PENTONEY PhD Assoc Dean for Res and Dir Sch Phys Sci

1R A ZABEL PhD Assoc Dean for Instr and Dir Sch Biol Sci

IW L. WEBB PhD Dir Grad Studies

1T J HOVERTER MA Libr 1D G ANDERSON PhD Asst Dean for Admin

1J D MABIE BS Asst Res Coord

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Applied Forestry Research Institute	7336	Forest Management—Continued	
1R L MARLER MF Dirof Inst		1W J SULLIVAN BS Instr	
1J B CCDY MI' Senior Res Associand Proj Ldr		1W P TULLY MSCE Ass∞ Prof For Engin	
1W J GABRIEL BS Senior hes Assoc and Proj Lo	dr	1W D WENGER Jr MS Instr Social Psychol and Outo	loor
10 G GRIMBLE MF Res Assoc and Proj Ldr 1R D NYLAND PhD Senior Res Assoc and Proj L	سانہ	Recr	
THE NI LAND FILE Demon Nes Assoc and Floy E	iui	Forest Zoology	7348
Empire State Paper Research Institute	7338	1M M ALEXANDER PhD Prof Anim Ecol and Chmn	of
7BENGT LEOPOLD PhD Prof Organic and Wood	Chem	Dept	
and Dir of Inst	D (1D F BEHEEND PhD Res. Associand Dir Huntingtor	1
1C W DENCE PhD Senior Res Assoc and Assoc	Prot	For Wildlite Res	
Organic Chem 1PHILIP LUNER PhD Senior Res Assoc and Pro	f Dhys	1RH BROCKE PhD Res Assoc Wildlife Biol 1R E CHAMBERS PhD Asst Prof Pop Ecol	
Chem.	1 1 11,5	1D L DINDAL PhD Asst Prof Invert Ecol	
1R E MARK PhD Senior Res Assoc and Assoc Pr	of	1W E GRAVES PhD Asst Prof Vert Physiol	
Fiber Phys		1R C HARTEINSTEIN PhD Prof Invert Physiol	
1Mrs RENATA MARTON PhD Senior Res Assoc	and Prof	1H H PAYNE EdD Prof Wildlife Conserv and Dean	of
Pulp and Paper Res 1SAMUEL ROTHENBERG MS Res Ausoc Organic	Chem	Stud 1E O PRICE PhD Asst Prof Anim Behavior	
ISAMOELE NOTHENDENG MB - Nes Assoc Organic	. Chem	1W C TIERSON MF Asst Prof and Mar Huntington F	or.
Forest Botany and Pathology	7340	1W L WEBB PhD Prof Wildlife Mgt and Dir Grad Stu	
1H B TEPPER PhD Prof Plant Anat and Chmn of	Dept		
1J W GEIS MS Instr For Bot		Forestry Economics	7350
1DH GRIFFIN PhD Asst Prof Bot and Mycol		1W A DUERR PhD Prof Econ For Prod and Chmn o	f
1E H KETCHLEDGE PhD Prof Ecol and Bryol 1J L LOWE PhD Res Prof Mycol		Dept 1GR ARMSTRONG PhD Prof Econ Wood Using Indu	10
1P D MANION PhD Asst Prof Phytopath		1J D BENNETT BA Assoc Prof Econ Theory	
1L L McDOWELI, PhD Res Assoc Phytopath		IN B CHRISTIANSEN PhD Assoc Prof Econ For P	rod
1J L MORRISON PhD Prof Plant Syst		1C R MILLER PhD Assoc Prof Mktg and Consumpt	ion
1MICHAIL SCHAEDLE PhD Asst Prof Plant Phy	siol	of For Resources	
1S B SILVERBORG PhD Prof Phytopath		1JANIS PETRICEKS MS Assoc Prof	
1F A VALENTINE PhD Prof Plant Genet 1Mrs CHUN-JUAN K WANG PhD Assoc Prof Myc	al.	Office of International Forestry	7352
1H E WILCOX PhD Prof Plant Physiol	O1	1C C LAHSON PhD Prof and Dir of Office	, ,,,,
1R A ZABEL PhD Prof Phytopath and Assoc Dec	an for	1G M GARTHE MF Instr	
Instrand Dir Sch Biol Sci			
F A Character	72.12	Paper Science and Engineering	7354
Forest Chemistry 1CONRAD SCHUERCH PhD Prof Lignin and Cel	7342	1F W O'NEIL MS Prof Pulp and Paper Sci and Chr Dept	n oi
Chem and Chmn of Dept		1J P BAMBACHT MS Instr Pulp and Paper Sa	
1R H BAUM PhD Asst Prof Plant Biochem		1S N GORBATSEVICH MS Assoc Prof Pulp and Pa	per
1E C JAHN PhD Prof Wood Chem		Sci	
1R T LaLONDE PhD Prof Chem of Terpenes and	Ali-	1T J STENUF PhD Prof Chem Engin	
cyclics 1J A MEYER PhD - Assoc Prof Nuclear Chem		1R W STRAUSS PhD - Frof Pulp and Paper Sc.	
1 ANATOLE SARKO PhD Asst Prof Polymer Cher	m	Public Service and Continuing Education	7356
1E M SILVERSTEIN PhD Prof Ecol Chem		1J M YAVOFSKY PhD Prof and Dir	
1JOHANNES SMID PhD Prof Polymer Chem		1A H BISHOP MS Assoc Prof Wood Prod Engin and	i
1ERNEST SONDHEIMER PhD Prof Plant Bioche	m and	Retriever-Abstractor STS Prog	
Biosynthesis 1T E TIMELL PhD Prof Cellulose Chem and Dir		1H W BURRY MF Assoc Profiticod Util Ext 1R W COCHRAN MS Assoc Prof Public Relat	
Cellulose Res Inst		1R C DECKERT MF Assoc Prof Wood Util Ext	
1D CWALTON PhD Assoc Prof Plant Biochem		1A F HAMER MS Assoc Prof and Dir Cont Educ	
		1D L HANSELMAN PhD Assoc Prof Audio Vis	
Forest Entomology 1J B SIMEONE PhD Prof Ins Ecol and Morphol a	7344	1R R KARNS BS Instrand Ed Assoc	
Chmn of Dept	IIC	1H C MILLER PhD Assoc Prof Ent Ext 1J D NOVADO BA Asst for Community Relat	
1D C ALLEN PhD Asst Prof Ins Ecol		13 D NOVADO DA MOSCIOI COmmunici, metac	
1JEROME BREZNER PhD Assoc Prof Ins Physi	ol and		
Biochem	•	Ranger School at Wanakena	<i>7</i> 358
1F E KUR(": FWSKI PhI) Assoc Prof Ins Behavio	or and	1JE FISHER BS Prof For and Dir of Ranger Sch	
Taxon 1TSUTOMU NAKATSUGAWA PhD Asst Prof Ins	Toxicol	1D M CASTAGNOZZI MF Assoc Prof For 1J E COUFAL MS Asst Prof For	
Troo, onto tattational into the troo ins	10///201	1C E MARTIN II MF Asst Prof For	
		1R W MILLER BS Instr For	
Forest Management	7346	1K E REMELE MF Asst Prof For	
1R E GETTY MS Prof For Admin and Chmn of De 1C A BICKFORD MS Prof Statis	∍pt		
1R H BROCK Jr MS Assoc Prof Photogram		School of Landscape Architecture	7360
1TIBERIUS CUNIA PhD Prof For Mensur		1B G SEARS MS Prof and Dir of School Lie LA NYS	
1P F GRAVES PhD Prof For Policy and Admin a		1G W CURRY MS Asst Fre:	
Assoc Dean for Col Forests and Public Serv	and	1G F EARLE MFA Prof Art	
Cont Educ and Dir Sch Resources Mgt 1A F HORN PhD LLD Prof For Policy and Admin		1C C FREEMAN BS Asst Prof 1J R JOHST MLA Instr	
1J D KASILE MS Asst Prof Statis	1	13 R JOHS I MLA INSTI 1A R LEWIS MCP Asst Prot	
1D E KOTEN PhD Assoc Prof For Policy and Ac	dmin	1F L MARAVIGLIA MS Asst Prof Graphics	
1C N LEE MCE Prof For Engin and Dir Compute		1TSUNEKATA NAITO MLA Asst Prof	
1D A MORRISON PhD Asst Prof For Recr		1R G REIMANN BS Prof and Lie LA NYS	т 2
1D G PALMER MS Assoc Prof Indus Engin 1B T STANTON MF Prof Photogram		1A T VIERTEL PhD Ass∞ Prof Landsc Arch Lic NYS	LA
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			125

7362-7380

1R W CUMMINGS Phi Admin Dean for Res (919-755-Silviculture 7362 10 E FARNSWORTH PhD Prof and Chmn of Dept 2117) 1.J.A. RIGNEY MS Admin Dean for Internat. Prog 1J V BERGLUND PhD Asst Prof 1F L BLACK PhE - Assoc Prot Watershed Mgt 1P J CHAUL PhD - Res Associand Asst Prof Stavic Res (919-755-2480) 4W L TURNER DPA Admin Dean for Univ Ext (919-1J H ENGELKEN BSF Asst Prof For and Mgr Heiberg 755-2144) Acta Aamin Dean for Univ Ext 13E W JONES Phf For (919-755-2144) 1A R ESCHNER PhD Assoc Prof Watershed Mgt TW T GLAUSTONE, PhD Asset Frof 1L P HUPAINGTON PhD Asset Prot Met 123H B JAMES PhD Dean of Sch et Agrand Lite Sci (919-755-2613) 1J W JOHNSON BS Prof 2J C WILLIAMSON Jr MS Dir of Res (919-755-2717) 1E W GLAZENER PnD Dir of Academic Affairs (919-1R V LEA PhD Assoc Prof and Dir Summer Camp 1A L LEAF PhD Prof Soil Fert 755-26141 6L S MINCKLER PhD Adjunct Prof 3GEORGE HYATT Jr PhD Dir of Ext (919-755-2811) 12.J L APPLE PhD Asst Dir of Res and Dir Inst Biol Sci 1S W POTTER Jr BS Asst Prof For and Mgr Pack (919-755-2665) Demon For IN A RICHARDS PhD Res Assoc 3C D BLACK EdD Asst Dir Ext 4-H Club (919-755-28011 **3T (. BLALOCK** PnD Asst Dir Ext (919-755-2811) State University Polymer Research Center 1M M SZWARC PhD (Organic Chem) PhD (Phys Chem) 123E J BOONE PhD Asst Dir Ext and Head of Dept Adult DSc FRS Distinguished Prof Polymer and Phys and Community College Educ (919-755-2707) 3Mrs MINNIE M BROWN MS Ext State Agt Home Econ Chem and Dir of Center (919-755-2781) 1R F ADAMS PhD Res Ausoc 1P W CALUWE PnD Res Assoc **3G L CAPEL** PhD Asst Dir Ext Mktg (919-755-2602) 6MARTIN KHONMAN PhD Adjunct Prot Polymer Chem. 3ELOISE COFER PhD Asst Dir Ext Home Econ 6WILLEM PRING PnD Adjunct Prof Polymer Chem (919-755-2781) 1H B CRAIG PhD Asst Dir Academic Affairs and Dir Agr Inst (919-755-2667) 1K J SMITH Jr PhD Assoc Prof 3Mrs ADAB DALLA POZZA MS Ext State Agt Home State University Water Resources Center Econ (919-755-2781) 1RI HEBNIGAN MS - Prof Water Resources and Dir of 3.J E FOIL MS Asst Dir Ext (919-755-2813) 3R E JONES MS Asst Dir Ext (919-274-4696) Center 1R H HAWKINS PhD Senior Res Associand Asst Dir of 2k R kELLER PhD Asst Dir in Chg Tobacco Res (919-Center 755-2718) Wood Products Engineering
1E A ANDERSON PhD Prof For Prods and Chmn of 2R J McCRACKEN PhD Asst Dir of Res (919-755-2719) 7366 123JOHN D WRIGHT Bus Mgr (919-755-2155) TW A CÔTÉ Jr PhD Pro: Cel. Ultrantructure
16 Y DAMI SON PhD Pro: Wood Physiand Mech
16 H deZEEUW PhD Prof Wood Anat
16 H KYANKA MSME Asst Prof Mech Agricultural Information 123W L CARPENTER EdD Assoc Prof and Head of Dept (919-755-2800) 3R J ALBERG In Chg Ext Staff Artists 23T M BYRD MA Assoc Ed News LI E LANGWIG MG | Instr 1R A MOORE MS Asst Prof Indus Application and 3JANICE R CHRISTENSEN BS Home Econ Ed News Devlpmt Res Unit Ldr 23A M DEEKENS MS Assoc Ed Pub 1R E PENTONEY PhD Prof Mech Behavior and Assoc 3S R EDWARDS BA Asst Ed Radio-TV 2R P LOWE MRS Asst Ed Pub Dean for Phys Sci and Res 1ELBERT REID MA Asst Prof Commun Teaching/Pub 3H L REYNOLDS BS Assoc Ed Radio-TV 13 F SIAU PhF Assoc Prof Chem Wood Tech 14CHHISTEN JKAAR PhD Fro: Wood Phys 1G H SMITH MBA Prof Light Construction 1L ABMITH MSChE Res Assoc Adhesives and Coatings 3Mrs RUTH G SHEEHAN MA Asst Ed TV 23J C TART ME Asst Ed Pub 4-H 23J W UPCHURCH Jr ME Asst Ed News 13 A WHITT PhD Prof 7380 7367 **Animal Science** USDA Cooperative Recreation Research Group 12I D PORTERFIELD PhD Prof and Head of Dept (919-755-2755) 5E L SHAFER PhD Adjunct Assoc Prot For Mgt and Dir 3A V ALLEN MS Ext Prof in Chg Anim Husb Ext of Res Group 12W L ALSMEYER PhD Asst Prof Anim Husb 5H F ECHELBERGER MS Adjunct Asst Prof For Mgt 5G H MOFILLER MS Adjunct Asst Prof For Mgt 12E R BARRICK PhD Prof Livestock Nutr and Mgt 12E G BATTE DVM Prof Vet Parasitol 3R F BEHLOW DVM Ext Prof Ext Vet
3J S BUCHANAN BS Ext Prof Beef Cattle and Sheep USDA Cooperative Watershed Research 7368 5R E LEONARI. PhD Adjunct Asst Prof Watershed Mgt **3**K R BUTCHER MS | Ext Instr Dairy Prod Records 2E V CARUOLO PhD Assoc Prof Cellular Physiol 12A J CLAWSON PhD Prof Swine Nutr NORTH CAROLINA 12D G DAVENPORT PhD Assoc Prof Dairy Cattle Nutr and Econ The Schools of Agriculture and Life Sciences and 12E U DILLARD PhD Assoc Prof Amm Genet Forestry, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics 2E J EISEN PhD Assoc Prof Anim Genet 12LEMUEL GOODE PhD Prof Reprod Physiol of the North Carolina State University at Raleigh 27607 3C B HANRICK BS Ext Dairy Husb Spec
12R W HARVEY PhD Asst Prof Anim Husb
2W L JOHNSON PhD Asst Prof (Peru) Anim Husb (Main tel 919-755-2011) 1College Staff 2Station Staff 3Extension Staff 12E E JONES PhD Asst Prof Biochem

3J R JONES PhD Ext Assoc Prof Swine

3F N KNOTT PhD Ext Assoc Prof Dairy Cattle Feeding 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc

and Mat

Genet

12J M LEATHERWOOD PhD Prof Anim Nutr 25J G LECCH PhD Prof Cellular Bact

12JE LEGATES PhD William Neal Reynolds Prof Anim

7370

126

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1W C FRIDAY BS LLB Pres of Univ (919-933-1026)

1.J T CALDWELL PhD Chanc (919-755-2191)

Animal Science-Continued

- 3R L McGUIRE PhD Ext Assoc Prof 4-H Work Anim Husb
- 12J J McNEILL PhD Assoc Prof Anim Nutr 12R D MOCHRIE PhD Assoc Prof Dairy Nutr and Physiol

- 12D. MCN.COL. IVM Assoc Prot Vet Parasitol
 12R M MYERS MS Assoc Prof Reprod Physiol
 3J W PARKER MS Ext Anim Hubb Spec (PO Edenton Box 3521
- 3G 3 PARSONS MS Ext Prof Dairy Cattle Feeding and
- 3J & PATIORSON PnD Ext Prof Beef Cattle and Testing
- 2A H RAKES PhD Assoc Prof Dairy Nutr 12H A HAMSEY PhD Prof Anim Nutr
- 3C M REESE MS Ext Instr Beef Cattle and Testing
- 120 W ROBISON PhD Assoc Prof Anim Genet
- 3F L SANGENT PhD Ext Assoc Prof Dairy Prod Records and Brd:
- 34M F SENGER MS Ext Prof in Cha Dairy Hisb Ext
- 2F H SMITH MS Prof Anim Nutr
- 3D G SPRUILL Pr.D. Ext Assoc Prof Swine
- 3C M STANISLAW PhD Ext Asst Prof Anim. Genet (PO William Box 3027)
- 2H A STEWART PhD Prof Emeritus Anim Brdg
- 1251. C. CLEFFRG EhD. Prot Reprod Physiol

 - 30 P MESEM Phill Ext Asst Frof Anim Hust 23 CML & PhOl Assoc Profilerry Cattle Brid and Mgt
- 12G H WISE PhD William Neal Reynolds Prof Physiol of Nutr
- 3J R WOODARD MS Ext Assoc Prof Swine Testing
- 3R L WYNN MS Ext Dairy Husb Spec

Biochemistry (Sch of Phys and Math Sci)

- 7385
- 12GENNARD MATRONE PhD William Neal Reynolas Prof and Head of Dept (919-755-2581)
- 12F B ARMSTRONG PLD Univ Prof Biochem and Microbiol and Genet
- 2Mr.: IRENE C CHANG Pt.D. Res Appos Photosynthesis
- 12H B HORTON PhD Assoc Prof Biochem Mechanisms
- 12J S KAHN PhD Assoc Prof Photosynthesis
- 7Mi. ABOUR KERLIREND Visiting As the fintermearary Metabolism Biosynthesis and Lipias
- 12J ARINGER Philip Asst Prot Physical Rington
- 12I S LONGMUIR MB BChir Prof Brochem Mechanism
- 12A R MAIN PhD Prof Biochem and Enzyme Kinetics
- 12E C SISLER PhD Assoc Prof Intermediary Metabolism Biosynthesis
- 1Mrs ELIZABETH C THEIL PhD Instr Devlpmt Biochem
- 12S E. TOVE PhD Prof Intermediary Metabolism Biosynthesis and Lipids

Botany

7390

- 12G R NOGGLE PhD Prof and Head of Dept (919-755-
- 12C F ANDERSON PhD Assoc Prof Flant Anat
- 12UDO BLUM PhD Asst Prof Plant Physiol Ecol
- 12A W COOPER PhD Prof Plant Ecol
 5D W DEJONG PhD Adjunct Assoc Prof Plant Physiol
 - (PO Oxford)
- 12R C FITES PhD Asst Prof Plant Physiol
- 12J W HARDIN PhD Prof Plant Taxon
- 6W W HECK PhD Adjunct Prof Plant Physiol (Coop HEW-NAPCA)
- 12S E KOCH PhD Asst Prot Plant Taxon
- 2J A McABIHUR PhD Hes Assoc Plant Physiol
- 12R T MCORE PhD Asst Pro: Mysol

- 5H F PAITTEE PhD Assoc Prof Plant Physiol 12H E 3CHLICHTING Ir FhT Across Prof Physiol 12H T SCOFIELD PhE Prof Plant Physiol (Peru)
- 5HEINZ SELTMANN PhD Assoc Prof Plant Physiol
- 12E [SENECA PhD Asst Prof Ecol
- 1Mrs LINDA M STROUD MS Instr Biol
- 12J R TBC YER PhD Prot Flant Physical 12L A WHITE ORD Phi Prof Fireritus Phycol
- 5R E WILLIAMSON PhD Assoc Prof Plant Physiol 12C G VAN YKE Phi Appr Prof Mycol
- 12J A YARBROUGH PhD Ad; Prof Plant Anat

Crop Science

7400

- 23P H HARVEY PhD William Neal Reynolds Prof and Head of Dept (919-755-2647)
- 3C T BLAKE PhD Ext Prof Turf Mgt
- 5C A BRIM PhD Prof Brdg Soybeans
 5J C BURNS PhD Asst Prof Pasture and Forage Crops
- 5T H BUSBICE PhD Assoc Prof Brag Alfalfa
- 12D S CHAMBLEE PhD Prof Forage Ecol
- 5J F CHAPLIN PhE Prof Brdg Topacco (PO Oxfora)
- 3J G CLAPP Jr PhD Ext Asst Prof Soybeans and Small Grain
- 3H D CCBLE PhD Ext Asst Prof Weed Control
- 13W K COLLINS PhD Prof Tobacco
- 5W A COPE PhD Assoc Prof Brdg Misc Legumes
- 12F T CORBIN PhD Asst Prof Weed Control
- 3D W DANIEL BS Ext Agron Spec Variance Eval

 13S H DOBSON MS Ext Prof Pasture and Forage Crops
- 12D A EMERY PhD Prof Brdg Peanuts
- 12W T FIKE PhD Assoc Prof Crop Mgt
- 5K E FRY PhD Asst Prof Plant Physiol Cotton
 12D U GERSTEL PhD William Neal Reynolds Prof Genet Tobacco
- 12W B GILBERT PhD Assoc Prof Turf
- Instr Crop Brdg
- 2D T GOODEN III MS 12W C GREGORY PhD William Neal Reynolds Prof Genet Peanuts
- 2H D. GRCCS PnD Prof Pasture and Forage Crops 5G R GWYNN PhD Assoc Prof Brdg Tobacco (PO Oxford)
- 25J L HALL PhD Asst Prof Chem Tobacco
 - 3S N HAWKS Jr BS Ext Prof Tobacco
 - 3S J HODGES BS Ext Agron Spec
 - 3G L JONES PhD Prof in Chg of Agron Ext
 - 3E L KIMBROUGH PhD Ext Asst Prof Pasture and Forage Crops
 - 3B U KITHELL MS Ext Agron Spec
- 5J A LEE PhD Prof Plant Genet Cotton
- 23W M.L.F.W.IS PhD Prof Weed Control
 2R C LONG PhD Asst Prof Plant Physiol Tobacco
- 23F W McL AUGHLIN MS Ext Prof and Dir of NC Crop Impr Assoc
- 12P A MILLER PhD Prof Crop Brdg Cotton 2R P MOORE PhD Prof Seeds
- 5D E MORELAND PhD Prof Plant Physiol Weeds
- 2C F MURPHY PhD Assoc Prof Crop Brdg Small Grain
- 2T H NUNALEE III MAGED Instr NC Crop Impr Assoc 12R F PATTERSON PhD Asst Prof Crop Physiol
- 13ASTOR PERRY MS Ext Prof Peanuts
 2L L PHILLIPS PhD Prof Plant Genet Cotton
- 12J C RICE PhD Prof Crop Variance Eval 23H F ROSS WS Ext Assoc Prof Burley Tobacco (PO Waynesville)
- 2] W SCHFADER PhD Asst Prof Weed Control
- 3A D STUART MS Ext Prof Com 5C F TESTER PhD Asst Prof Biochem Soybeans 5D L THOMPSON PhD Prof Crop Brdg Corn
- 12D H TIMOTHY PhD Prof Plant Genet Forage Grasses 3WG TOOME'Y MAGE Ext Assoc Prof Cotton
- 12J B WEBER PhD Assoc Prof Weed Control 12E A WERNSMAN PhD Assoc Prof Plant Genet Tobacco
- 12J A WEYBREW PhD William Neal Reynolds Prof Biochem Mechanisms Tobacco
- 12A DWCRSHAM PhD Prof Weed Control
- 2J CWYNNE MS Instr Crop Brdg Peanuts

Economics

7410

- 123W D TOUSSAINT PhD Prof and Head of Dept (919-755-2619)
 - 3J G ALLGOOD MA Ext Assoc Prof Farm Mgt
 - 12A M BEALS Jr AB Instr Econ
 - 3R S BOAL MS Ext Assoc Prof Mkta Agencies
 - 3R C BROOKS PhD Ext Assoc Prof Poultry Mktg 12J B BULLOCK PhD Asst Prof Econ

 - 3G L CAPEL PhD Ext Prof in Chg Mktg 12G A CARLSON PhD Asst Prof Econ
- 12J S CHAPPELL PhD Assoc Prof Econ 123W M CROSSWHITE PhD Assoc Prof Public Affairs
 - 3H T DANIEL BS Inform Spec

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12B L GARDNER PhD Asst Prof Econ

5H C GILLIAM Jr PhD Asst Prof

4L H HAMMOND PhD Ext Ass∞ Prof Mktg

3D G HARWOOD Jr MS Ext Assoc Prof Farm Mgt

12W R HENRY PhD Prof Econ

3H A HOMME MS Ext Assoc Prof Dairy Mktg

12D M HOOVER PhD Prof Econ

12L A IHNEN PhD Prof Econ

3J E IKERD PhD Ext Asst Prof Livestock

3E A JACKSON MF. Ext Mktg Spec 12P R JOHNSON PhD Prof Econ

4E W JONES PhD Assoc Prof Econ

12R A KING PhD Prof Econ

13H L LINER PhD Ext Assoc Prof Farm Mgt
12C H LITTLE PhD Assoc Prof Econometrics
13J G MADDOX PhD Prof Econ

123F A MANGUM Jr PhD Assoc Prof Public Affairs

123G A MATHIA PhD Assoc Prof Econ (Peru)

2J C MATTHEWS Jr PhD Asst Prof Econ

123D F NEUMAN PhD Asst Prof Farm Mat

3T E NICHOLS Jr PhD Ext Prof Grain Mktg

3RH NICHOLSON MS Ext MktgSpec

3D C PARDUE MS Ext Farm Bus Records

12E C PASOUR Jr PhD Assoc Prof Econ

1R J PEELER Jr PhD Assoc Prof Econ

12R K PERRIN PhD Asst Prof Econ

12F J PROCHASKA MS Instr Econ

3E A PROCTOR MS Ext Prof Fruit and Veg Mktg

3C R PUGH PhD Ext Prof in Chg Farm Mgt and

Public Affairs

12R A SCHRIMPER PhD Assoc Prof Econ

12J A SEAGRAVES PhD Prof Econ

12R L SIMMONS PhD Prof Econ

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5J G SUTHERLAND PhD Prof Agr Econ

12R L TINNERMEIER PhD Visiting Asst Prof Econ (Peru)

3Mrs RUBY P UZZLE BA Ext Asst Prof Consum Mktg

12T D WALLACE PhD Prof Econometrics
3C H WEATHERS MS Ext Prof Form Mgt

3R CWELLS PhD Ext Assoc Prof Farm Mgt

7420 Education (Aar)

1C J DOLCE PhD Dean Sch of Educand Prof Educ 1C C SCARBOROUGH EdD Prof Agr Educ and Head ci Dept (919-755-2234)

1H G BEARD EdD Assoc Prof Agr Educ and Sociol

1W J BROWN Jr EdD Adjunct Prof and Dir Res

1C D BRYANT EdD Asst Prof Agr Educ

1J K COSTER PhD Prof Agr Educ and Dir Center for Cccup Educ

J MERCER EdD Asst Prof Agr Educ

1T R MILLER PhD Assoc Prof Agr Educ

1C H ROGERS EdD Assoc Prof Agr Educ

Engineering (Biol and Agr)

7430

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12H D BOWEN PhD Prof Cotton Mech and Electrostatic Dusting

5J W DICKENS MS Assoc Prof Peanut Proc and Mkta

23L B DRIGGERS MS - Ext Assoc Prof Farmstead Engin

3J C FERGUSON BS Assoc Prof Emer Field Crops Mech

12J M FORE MS Prof Power and Mach

3J W GLOVER BS Ext Asst Prof Field Crops Mech

5A H GRAVES BS Res Asst Indus Engin Mater Handling Tobacco

2J R HALLMERLE PhD Asst Prof Biomater Properties and Sweetpotato Mech

12R G HOLMES PhD Asst Prof Biochem Engin
1E L HOWELL MEd Assoc Prof Farm Mech and Power and Mach

2D H HOWELLS MS Prof Dir Water Resources Res Inst

12B K HUANG PhD Assoc Prof Mach Design 12F J HUMENIK PhD Asst Prof Waste Mgt

Engineering (Biol and Agr)-Continued

12E G HUMPHRIES PhD Assoc Prof Cucumber Mech

12W H JOHNSON PhD Prof Tobacco Curing

23G J KRIZ PhD Assoc Prof and Assoc Dept Head in Chg of Ext

12WF McCLURE PhD Assoc Prof Instrumentation and Crop Proc

12R P ROHFBACH PhD Asst Prof Syst Engin and Blueberry Mech

12R W SKAGGS PhD Asst Prof Soil and Water Engin

3R E SNEED BS Ext Instr Irrig and Drain

12R S SOWELL PhD Asst Prof Syst Engin

12C W SUGGS PhD Prof Tobacco Mech and Human Engin
3W C WARRICK BS Ext Assoc Prof Rural Housing
23R W WATKINS MS Ext Asst Prof Crop Proc

12J W WEAVER Jr BS Prof Proc Engin

5T B WHITAKER PhD Asst Prof Peanut Proc and Mktg

5C R WILLEY PhD Assoc Prof Soil Phys

5R E WILLIAMSON PhD Assoc Prof Plant Physiol

12E H WISER PhD Assoc Prof Watershed Hydrol
12J H YOUNG PhD Assoc Prof Peanut Proc and Mktg

7440 Entomology

123K L KNIGHT PhD Prof and Head of Dept (919-755-2746)

12R C AXTELL PhD Prof Med and Vet Ent

2J R BRADLEY PhD Asst Prof Cotton Ins

12C H BRETT PhD Prof Veg Ins 2W M BROOKS PhD Asst Prof Ins Path

12W V CAMPBELL PhD Prof Forage Crop Ins

7A L CHASSON MD Adjunct Assoc Prof Path
5E W CLARK PhD Adjunct Assoc Prof Ins Physiol

12W C DAUTERMAN PhD Assoc Prof Pesticide

Metabolism

23J M FALTER PhD Ext Assoc Prof Ins Pests of Man ard Anims 12M H FARRIER PhD Assoc Prof Forest Ins and

Acarol

2R F FOELIX PhD Res Assoc Sensory Structures

12F E GUTHRIE PhD Prof Insecticide Resistance 12ERNEST HODGSON PhD Prof Ins Phospholipids

2M D JACKSON MS Res Assoc Anal and Methods

2A P KULKARNI PhD Res Asst Ins Biochem

12W J MISTRIC Jr PhD Prof Tobacco Ins

123H B MOORE Jr PhD Assoc Prof Wood Pests
12H H NEUNZIG PhD Prof B.ol of Tobucco Ins and Bluberry Pests

12R L RABB PhD Prof Ins Biol Eccl Tax

2W L RIECK MS Res Asst Pesticide Residue Anal

23R L ROBERTSON MS Ext Prof Crop and Ornam Pests

2G C ROCK PhD Assoc Prof Fruit Ins

5LOUISE M RUSSELL MS Adjunct Prof Ins Identification

5R I SAILER PhD Adjunct Prof Ins Identification

3H E SCOTT PhD Ext Assoc Prof Pesticides Veg 4-H

2T J SHEETS PhD Prof Pesticide Residues

2C F SMITH PhD Prof Aphid Taxon

2EWALD SMITH MS Res Asst Ins Brochem

3G TWEEKMAN PhD Ext Assoc Prof in Chg Ent Ext Fruit Ins

5D L WRAY Jr PhD Adjunct Prof Tax Ent

123C GWRIGHT PhD Assoc Prof Household Pests

12R T YAMAMOTO PhD Assoc Prof Ins Nutr and Be-

12D A YOUNG PhD Prof Homoptera Taxon

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3W G ANDREWS PhD Dist Ext Chmn

4Mrs HELEN BRANFORD MS Dist Home Econ Agt

7450

3P E DEW MS Dist Ext Chmn

3G C DOBBINS BS Dist Ext China
3L R JOHNSON BS Dist Agr Agt

3J C JONES MS Dist Ext Chmn

3Mrs LILLIE B LITTLE MS Dist Home Econ Agt 3Mrs ELIZABETH MELDAU MS Dist Home Econ Agt

3KATHLEEN NELSON MS Dist Home Econ Agt

3Mrs JOSEPHINE PATTERSON MS Dist Home Econ Agt

3J E PILAND BS Dist Ext Chmn

Extension Service-Continued

3D D ROBINSON MS Dist Ext Chmn 3Mrs CAROLYN C RUSSELL MEd Dist Home Econ Agt 3H G SILVER BS Dist Supvr (TVA Prog) 3J A SPAULDING MS Dist Agr Agt 3Mrs MYRLE L SWICEGOOD MS Dist Home Econ Agt

4-H CLUB

3C D BLACK EdD Asst Dir Ext 4-H Club 3W C COOPER MS 4-H Spec 3L B DIXON BS Assoc State 4-H Ldr 3Mrs CLEO J EDWARDS MS 4-H Spec 3W M GARMON MS 4-H Spec 3D F HOLLEP BS 4-H Spec 3PAULINE E MOORE MS 4-H Spec 3MARY SUE MOSER BS 4-H Spec 3D W SMITH MS 4-H Spec 3WPSMITHMS 4-HSpec 3F H WAGONER BS 4-H Spec

HOME ECONOMICS

Furn Spec

3ELOISE COFER PhD Asst Dir Ext Home Econ 3DOROTHY L BARRIER MEd Spec in Chg Ext Cloth 3ISABELLE BUCKLEY MS Ext Aging Spec 3Mrs MARJORIE DONNELLY MS In Chg Ext Foods and Nutr

3DIANE FISTORI MS Ext Food and Nutr Spec 3Mrs GENEVIEVE GREENLEE MS Ext Housing and House Furn Spec

3L F HAWKINS BA BD Spec in Chg Ext Fam Relat 3THELMA HINSON MS Spec in Chg Ext Home Mgt 3FRANCES JORDAN MS Spec Ext Fam Relat 3LEEANN KURTZ MS Ext Foods Spec 4-H Prog 3Mrs EDITH B McGLAMERY BS Ext Housing and House

3NITA ORR BS Ext Frozen Foods Spec 3IOLA PRITCHARD MS Ext Food Conserv and Mktg Spec 3Mrs BESSIE B RAMSEUR MA Ext Nutr and Food

Conserv Spec 3Mrs JUSTINE ROZIER MS Ext Home Mgt Spec

3MARJORIE SHEARIN MS Ext Creative Crafts Spec 3HARRIET TUTTEROW MS Ext Cloth Spec 3W C WARRICK BS Ext Assoc Prof and Spec in Chg Ext Housing and House Furn

3CHARLOTTE WOMBLE MS Ext Spec Housing and House Furn

ADULT AND COMMUNITY COLLEGE EDUCATION

123E J BOONE PhD Prof and Head of Dept (919-755-2707) IJ BADAIR PnD Prof

1D A ADAMS EdD Assoc Prof

123W L CARPENTER EdD Assoc Prof and Head of Agr Inform

13MARY L COLLINGS EdD Prof

3J D DODSON BS Ext Farm Bus Records
13R J DOLAN PhD Prof

3C M FERGUSON BS Prof Emer 13J D GEORGE PhD Prof

1B R HERRSCHER EdD Ad) Asst Prof

1C J LAW Jr EdD Adj Asst Prof

1G E PARSONS PhD Asst Prof

13Mrs EMILY H QUINN PhD Prof

1J E ROUECHE Jr PhD Adj Assoc Prof

13GD RUSSELL PhD Asst Prof

3J F SCHULZE MS Ext Mgt Inform Spec

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3F S SLOAN BS Prof Emer

7460 Food Science

123W M ROBERTS PhD Prof and Head of Dept (919-755-2951)

12L W AURAND PhD Prof Food Chem

2H R BALL Jr PhD Asst Prof Poultry Prods

5T A BELL MS Prof Food Fermentation

12T N BLUMER PhD Prof Meat Prods
3R E CARAWAN MS Ext Spec Food Engin

2D E CARROLL Jr PhD Asst Prof Fruits and Veg Prods

3J A CHRISTIAN MS Ext Prof and Ext Adm Coord in Food Sci Meat Prods

2R A COWMAN PhD Asst Prof Food Microbiol

Food Sience-Continued

2R S DAHIYA PhD Asst Prof Food Microbiol 25J L ETCHELLS PhD Prof Food Fermentation

5H P FLEMING PhD Assoc Prof Food Fermentation

12S E GILLILAND PhD Asst Prof Food Microbiol 23M E GREGORY PhD Ext Prof Dairy Prods

2D DHAMANN PhD Assoc Prof Food Engin 2A PHANSEN PhD Asst Prof Dairy Prods

3Mrs MARY K HEAD PhD Ext Asst Prof Foods and Nutr

2M WHOOVER PhD Prof Fruits and Veg Prods

2B R JOHNSON PhD Asst Prof Peanut Prods

12I D JONES PhD Prof Food Chem
2V A JONES PhD Assoc Prof Food Engin

3N C MILLER Jr MS Ext Assoc Prof Fruit and Veg Prods

5A EPURCELL PhD Prof Fruit and Veg Prods

12M L SPECK PhD William Neal Reynolds Prof Food Microbiol

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12F G WARREN PhD Prof Dairy Prods

2N B WEBB PhD Assoc Seafood and Meat Prods

Forest Resources

7470

129R J PRESTON Jr PhD Prof and Dean of Sch of For Res (919-755-2883)

12A C BAREFOOT DF Prof for Prods

1J H BRENDLE Jr MS Adj Prof Recreation

12R C BRYANT PhD Prof For 1R M CARTER MS Prof For Prod

12HOU-MIN CHANG PhD Asst Prof Wood Chem

1E W CLARK PhD Adj Assoc Prof For

12C B DAVEY PhD Prof and Head of Dept of For (919-755-2885)

3E L DEAL MS Ext Instr Wood Prod

3R S DOUGLASS MF Ext Asst Prof For Mgt

12J W DUFFIELD PhD Prof Silvic

12E L ELLWOOD PhD Prof and Head of Dept of Wood and Paper Sci (919-755-2884) For Prods

12T V GEMMER MS Instr For

12R C GILMORE MWT Asst Prof For Prod 12W L HAFLEY PhD Assoc Prof For

2L W HAINES MS Dir For Fert Coop

1G A HAMMON BS Assoc Prof Recreation 3S J HANOVER MS Ext Instr Wood Prods

12C A HART PhD Prof For Prod

3J S HEDGECOCK MS Ext Instr Wood Prods

5G H HEPTING PhD Adj Prof For

1T I HINES MA Prof and Head of Dept of Recreation Resources Admin

12R G HITCHINGS MF Prof For Prods

3L H HOBBS BS Ext Assoc Prof Mktg For Prods

3W THUXSTER Jr MWT Ext Assoc Prof and Ldr For Mat Sect

2L G JERVIS BS Res Assoc For

2J B JETT MS Res Asst For Brdg

3E M JONES MS Ext Asst Prof Hardwoods

3W M KELLER MF Ext Prof in Chg For Ext

2R C KILLISON MS Instr and Assoc Dir For Brdg Coop 5J W KOENIGS PhD Adj Asst Prof For

12K P KRINGSTAD PhD Assoc Prof Wood Chem

5E G KUHLMAN PhD Adj Assoc Prof For

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12C G LANDES ChE Assoc Prof For Prods

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12A G MULLIN MS Instr For Prod

12R G PEARSON ME Assoc Prof Wood Prods
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12C N ROGERS BS Assoc Prof For Prods
12L C SAYLOR PhD Asst Dean and Prof For Brdg

5H T SCHREUDFR PhD Adı Asst Prof

Forest	Resource	es –Co	ntinue	ď
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1W E SMITH PhD Prof Recration7W R SMITH BS Adj Prof For Prods

12A J STAMM PhD Prof Emer Wood Chem

3W M STANTON MF Ext Asst Prof For Mgt-Recreation

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1R E STERNLOFF PhD Prof Recreation

1J S STEVENS MA Adj Assoc Prof Recreation

1E H STONE BSLA Adj Asst Prof Recreation

1C C STOTT MS Assoc Prof Recreation

7S K SUDDARTH PhD Ad) Prof For Prods

5B F SWINDEL PhD Asst Prof For

12R J THOMAS DF Assoc Prof For Prod

5L W TOMBAUGH PnD Asst Prof Recreation

1M R WARREN Jr MS - Asst Prof Recreation

1C G WELLS PhD Ad; Assoc Prof For

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7480

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12F M JOHNSON PhD Asst Prof Biochem Genet Drosophila

12W E KLOOS PhD Assoc Prof Microbial Genet

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5GENE NAMKOONG PhD Assoc Prof Quant Genet For

12h E SCHAFFER PhD Assoc Prof Quant Genet Drosophila

12B W SMITH PhD Prof Cytogenet Rumex

12S G STEPHENS PhD William Neal Reynolds Prof Plant Evolution Cotton

7490

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12Mrs KAY P EDWARDS PhD Asst Prof Housing

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12M E GARDNER BS Prof Emeritus Gen

13R G HALFACRE PhD Asst Prof Ornam

2L K HAMMETT PhD Asst Prof Postharvest Physiol

3J H HARPIS BJ - Ext Prof Emeritus

12F L HAYNES Jr PhD Prof Potato Brdg and Genet

12W R HENDERSON PhD Assoc Prof Veg Brdg

3G R HUGHES MS Ext Asst Prof Veg Crops

2J M JENKINS Jr PhD Prof Plant Brdg (PO Castle Hayne)

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12R A LARSON PhD Prof Flor

23J W LOVE PhD Ext Prof Flor

2R L LOWER PhD Assoc Prof Veg Genet

23C M MAINLAND PhD Ext Asst Prof Fruit Crops (PO Castle Hayne)

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12C H MILLER PhD Prof Veg Nutr 2T J MONACO PhD Asst Prof Weed Sci

12P V NELSON PhD AssocProf Flor 2W B NESBITT PhD Asst Prof Fruit Brdg

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3W W REID BS Ext Asst Prof Veg (PO Plymouth Rte 2)

23D C SANDERS PhD Ext Asst Prof Veg Crops

2R L SAWYER PhD Prof Potato Brdg (Peru)
23W A SKROCHPhD Ext Assoc Prof Weed Control

3H J SMITH MS Ext Asst Prof Landsc 12R M SOUTHALL MS Instr Taxon

2V H UNDERWOOD BS Res Instr Fruit Crops

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12K R BARKER PhD Assoc Prof Nematode Dis

12M K BEUTE PhD Prof Peanut Dis

12C N CLAYTON PhD Prof Fruit Dis

2W E COOPER PhD Prof Emer Peanur Dis 12E E COWLING PhD Prof For Path

3H E DUNCAN PhD Ext Assoc Prof in Chg Plant Path Ext

2EDDIE ECHANDI PhD Prof Bean Dis 2E R FRENCH PhD Visiting Asst Prof Potato Dis

(Peru)

3H R GARRIS MS Ext Prof Emer Path

12G V GOODING Jr PhD Assoc Prof Tobacco Virol

12L F GRAND PhD Asst Prof For Path
6A S HEAGLE PhD Adj Asst Prof Plant Path (Coop HEW)

12T T HEBERT PhD Prof Plant Virol 5G H HEPTING PhD Adj Prof For Path

5C S HODGES Jr PhD Prof F'or Path

12DONALI) HUISINGH PhD Assoc Prof Bact Dis 12S F JENKINS Jr PhD Assoc Prof Veg Dis

23R K JONES PhD Ext Asst Prof Floral Crop and Blueherry Dis (PO Castle Hayne)

5D M KLINE PhD Prof Cereal Dis

5J W KOENIGS PhD Adj Assoc Prof For Path 5E G KUHLMAN PhD Adj Assoc Prof For Path

5K J LFONARDPhD Abst Prof Corn Dis

12G B LUCAS PhD Prof Tobacco Dis 12L T LUCAS PhD Asut Prof Foruge Crop Dis

12C E MAIN Phi: Asc Prof Tobacco Dis

2H D MILHOLLAND PhD Assoc Prof Blueberry Dis (PO Castle Hayne)

2L W NIELSEN PhD Prof Sweetpotato Dis 12C J NUSBAUM PhD William Neal Reynolds Prof Tobacco Dis

6R G OWENS PhD Adj Prot and Cnief of Cell Biol (Coop HFW)

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6R A REINERT PhD Adj Assoc Prof Plant Path (Coop HEW)

5J F ROSE PhD Prei Soybean Dis

12J N SASSER PhD Prof Nematode Dis

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- 5R T SHERWOOD PhD Prof Forage Crop Dis 3P B SHOEMAKER PhD Ext Asst Prof Veg Dis (PO Fletcher Rte 2)
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- 2D L STRIDER PhD Prof Veg Dis (Peru)
- 23F A TODD BS Ext Prof Tobacco Dis
- 12Mrs HEDWIG H TRIANTAPHYLLOU PhD Prof Nematode Morphol
 - **2**FL WELLMAN PhD Visiting Prof Emer Tropical Phytopath
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7520

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- 12W M COLWELL PhD Assoc Prof Path
- 2FWCOOK PhD Assoc Prof Emer Physiol
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- 12J D GARLICH PhD Asst Prof Nutr
 2P B HAMILTON PhD Assoc Prof Microbiol
- 23J R HARRIS DVM Ext Prof Path
- 2C H HILL PhD Prof Nutr
- 2C S KIM PhD Asst Prof Nutr
- 3G A MARTIN PhD Ext Assoc Prof Genet
- 3W C MILLS Jr PhD Ext Prof Genet
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- 12Mrs NANCY S MUELLER PhD Asst Prof Embryol
- 3C F PARRISH BS Ext Prof Emer
 2D D PATE DVM Asst Prof Microbiol
- 12W R PRINCE PhD Asst Prof Physiol
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Sociology and Anthropology

7530

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 - 3V E HAMILTON MS Ext Community Devlpmt Spec

3T N HOBGOOD Jr MS Ext Asst Prof Community Devlpmt

- 1H D HOLDER PhD Visiting Assoc Prof Community
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- 1C P MARSH MS Prof Planned Cha Applied Res
- 12G C McCANN PhD Prof Social Psychol
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- 1R L MCXLEY PhD Asst Prof Community Devlpmt
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- 1Mrs ELIZABETH M SUVAL PhD Asst Prof Popula Criminol
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- 12S W BUOL PhD Prof Soil Genesis Classif
- 2R B CATE Jr MS Res Assoc Internatl Soil Fert Eval and Impr
- 12M G COOK PhD Prof Soil Mineral
- 2F R COX PhD Assoc Prof Fert Mgt
- 12G A CUMMINGS PhD Assoc Prof Fert Mat
- **5**R B DANIELS PhD Assoc Prof Soil Genesis Classif and Mapping
- 2J F DOGGETT BS Assoc Prof Fert Mgt (Peru)
- 26D W EADDY PhD Asst Prof Fert Mgt and Dir Scil Testing Lab
- 5E E GAMBLE PhD Asst Prof Soil Genesis Classif and Mapping
- 12J W GILLIAM PhD Assoc Prof Soil Chem
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- 12W A JACKSON PhD Prof Mineral Nutr
- 12E J KAMPRATH PhD Prof Fert Mgt
- 2J P LILLY MS Res Asst Fert Mgt (PO Castle Hayne)
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 2C B McCANTS PhD Prof Fert Mgt
- 2R E McCOLLUM PhD Assoc Prof Fert Mgt
- 2G F PEEDIN MS Res Asst Soil Fert Mgt
- 2C D PHILEN Jr BS Res Asst Soil Chem.
 23J A PHILLIPS PhD Ext Assoc Prof Soil Mgt
- 2P A SANCHFZ PhD Asst Prof Fert Mgt (Peru)
- 2J E SHELTON PhD Asst Prof Fert Mgt (PO Fletcher Rte 2)
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- 3D L TERRY PhD Ext Asst Prof Fert Mgt
- 2T R C TONKINSON MS Instr Radioisotope Lab
- 12R J VOLK PhD Prof Mineral Nutr
- 2J L WALKER PhD Visiting Assoc Prof Internatl Soil Fert Eval and Impr
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Statistics (Sch of Phys and Math Sci)

7550

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12C C COCKERHAM PhD Prof Statis Genet

- 1GERTRUDE M COX MS Prof Emer Design Expt
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- 1H J GOLD PhD Assoc Prof Math Biochem
- 2M M GCODMAN PhD Assoc Prof Status Genet 1JOHN GRAHAM PhD Res Assoc Entomol
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- 12A C LINNERUD PhD Asst Prof Statis in Anim Sci
- 12C H LITTLE PhD Assoc Prof Econometrics
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- 1R E MASON MSA Assoc Statis Quant Ecol 1F E McVAY PhD Prof Anal Statis

- 12R J MONROE PhD Prof Design and Anal Expt
 12L A NELSON PhD Assoc Prof Design and Anal Expt
- 12C H PROCTOR PhD Prof Surv Theory and Methods

Statistics (Sch of Phys and Math Sci)—Continued

1C P QUESENBERRY PhD Prof Non-Parametric Statis

12J O RAWLINGS PhD Prof Statis Genet

1D L RIDGEWAY PhD Prof Biophys

1Mrs BARBARA D SMITH BA Asst Statis Computer Proq

IR G D STEEL PhD Prof Design and Anal Expt

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12F J VERLINDEN MS Senior Res Technol Diaital Computer

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12Mrs PHYLLIS C BRADBURY PhD Asst Prof Protozool

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6F A CROSS PhD Adj Asst Prof Marine Biol (Coop USDI)

12REINARD HARKEMA PhD Prof Parasitol

12W W HASSLER PhD Prof Ichthyol

6F E HESTER PhD Prof Fishery Biol (Coop USDI)
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12D E SMITH PhD Assoc Prof Cellular Physiol

12W F STANDAERT PhD Asst Prof E∞1

12A M STUART PhD Assoc Prof Behavior of Invertebr

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6P N WITT ME Adj Prot Benavior (Coop NCDMH)

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2E F WIGGINS BS Agr Engin

Border Belt Tob Res Sta (PO Whiteville)

6W J DICKENS BS Supt (Under NCDA) (919-648-4703)

Central Crops Res Sta (PO Clayton)

2W C ALLSBROOK Supt (919-922-6468)

Coastal Plain Res Sta (PO Willard)

6J W SUMNER BS Supt (Under NCDA) (919-285-2242)

Coastal Plain Veg Res Sta (PO Faison)

2F E CUMBO BS Supt (919-267-3536)

Hort Crops Res Sta (PO Castle Hayne)

2J M JENKINS Jr PhD Supt and Res Prof

(919-675-2314) Lower Coastal Plain Tob Res Sta (PO Kinston)

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Research Stations-Continued

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Piedmont Res Sta (PO Salisbury)

6C Z McSWA!N Jr BS Supt (Under NCDA) (704-278-2624) Sandhills Res Sta (PO Jackson Springs)

2C S BLACK MS Supt (919-974-4673)

Tidewater Res Sta (PO Plymouth)

6J W SMITH BS Supt (Under NCDA) (919-793-2049)

Upper Coastal Plain Res Sta (PO Rocky Mount)

6W H BAILEY BS Supt (Under NCDA) (919-442-7326)

Upper Mt Res Sta (PO Laurel Springs)

6D F TUGMAN BS Supt (Under NCDA) (919-982-2501)

Upper Piedmont Res Sta (PO Reidsville)

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7580

7610

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3R L WYNN Dairy Spec

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7635

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1Mrs E K VEREEN BS Instr

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1C A FOUNTAIN PhD Prof

Plant Science and Technology—Continued 1J W R GRANDY BS Instr 3S J HODGES Agron Spec	Animal Science 12M L BUCHANNAN MS Prof and Chmn of Dept (7 237-7641)	7690 01-
1M P McCLEAVE MS Instr 6B C WEBB PhD Prof 1L A YATES MS Instr	12R J AMUNDSON BS Instr Sheep 125P W ASCHBACHER PhD Assoc Prof Physiol 12L D BECK MS Asst Prof Dairy	
	2P T BERG MS Instr 12R B DANIELSON BS Instr Beef	
Miscellaneous 3Mrs MINNIE M BROWN Asst State Home Aqt 3W C COOPER MS 4-H Spec 6H A JOHNSON MS Supt Col Farms	125K L DAVISON PhD Asst Prof Physiol 12W E DINUSSON PhD Prof Anim Nutr 12C G EDGERLY MS Assoc Prof Dairy 12D O ERICKSON PhD Assoc Prof Anim Nutr	
3L R JOHNSON MS Super Cort atms 3L R JOHNSON MS Super Vocat Agr 6M S SANDERS MS Assoc Super Vocat Educ	3G R FISHER PhD Assoc Prof Dairy 12R L HARROLD PhD Asst Prof 12C N HAUGSE MS Assoc Prof Statis	
3J A SPAULDING Dist Agr Agt	12D T JENSEN BS Instr 12J N JOHNSON MS Asst Prof Swine 3L J JOHNSON PhD Asst Prof Anim Husb	
NORTH DAKOTA	12R L JOHNSON BS Instr 12V K JOHNSON PhD Assoc Prof Meats 3M A KIRKEIDE MS Assoc Prof Anim Husb 12R D KNUTSON MS Asst Prof Beef Cattle	
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1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc 9A-TR, M-S Program	125J C PEKAS PhD Asst Prof Physiol 12R J ROSE PhD Asst Prof Poultry 12J L SELL PhD Prof Poultry 3G E STRUM MS Prof Anim Husb 125E J THACKER PhD Prof Physiol	
7670	12J E TILTON PhD Assoc Prof Physiol	
123L D LOFTSGARD PhD Pres of Univ (701-237-7211) 123K A GILLES PhD Vice Pres for Agr 1R L SULLIVAN PhD Dir of Res Admin	Bacteriology 12K J McMAHON PhD Prof and Chmn of Dept (701-237-7667)	77.30
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12P H HUMMER PhD Asst Prof Mktg	3WARD ELOCKER MS Dir Fiscal Mgt
12D E KLETKE PhD Asst Prof Prod Econ	3GRACE L SPIVEY EdD State Ldr Fam Living Prog
25M N LEIATH MS - Asst Prof Grain Mktg	3EUGENE WILLIAMS PhD Dir of 4-H and Youth Devlom
2Y C LU PhD Asst Prof Human Resource Econ	3EDNA MAE BAKER MS Dist Ldt FLP (Enid, Oklα)
3CECIL MAYNARD MS Ext Econ Farm Mgt	3H E CHAMBERS MS Dist Dir (Enid, Okla)
12L F MILLER PhD Prof Internati Devipmt	3W N COOK MS Dist Dir (Duncan, Okla)
3T H NELSON PhD Ext Form Mgt	3V L DEATON MS - Dist Dir (Muskogee, Okla) 3WILLA SCHAFFER BS - Dist Ldr FLP (Ada, Okla)
3R L PAGE MS Ext Econ Grain Mktg	3B S PARHAM MS Dist Dir (Ada, Okla)
12L A PARCHER PhD Prof Land Econ 12W D PURCELL PhD Asst Prof Livestock Econ	3EDWARD GREGORY MS Dist Dir (Oklahoma City,
25C L QUANCE PhD Asst Prof Prod Econ	Okla)
3R W SCHERMERHORN PhD Ext Econ Mktg	3MARY BUSCH MS Dist Ldr Fam Living Prog (Duncan,
12D F SCHREINER PhD Assoc Prof Finance	Okla
2G R SLOGGETT MS Res Assoc	3JO ANN BRAMAN MS Dist Ldr Fam Living Prog
12PL STRICKLAND Jr PhD Assoc Prof Prod Econ	(Oklahoma City, Okla)
2J F TOMLINSON MS Asst Prof Farm Mgt	3RICHARD WARD MS Dist Ldr Fam Living Prog
12L G TWEETEN PhD Prof Policy	(Muskogee, Okla)
12C L WALKER PhD Prof Prod Econ	p .
3H E WARD PhD Econ Outlook and Policy	Forestry 8370
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Education (Agr) 8330	6211 Ext 363) 3H W ALTMAN PhD Ext Wildlife Spec
Education (Agr) 8330 1B F FRICE EdD Prof and Head of Dept (405-372-6211	3C L CLYMER BS Ext Econ For Prods (PO Antlers)
Ext. 444)	3M R CRAIGHEAD BS Ext For
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1J W PRITCHARD FdD Asst Prof	12B L MILLER MS Asst Prof For Econ
1H R TERRY FhD Asst Prof	12D W ROBINSON MF Asst Prof Measurements

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Forestry-Continued

12T H SILKER MS Asst Prof Silvic 12R W STONECYPHER PhD Assoc Prof For Genet 12J L TEATE PhD Asst Prof Recreation 12NATHANIEL WALKER MS Assec Prof For Mgt

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1Mrs LYNN SITLER EaD - Asst Prot Cloth Text and Merchandising

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NAMES TWALTERS PaD Prof Firm Holist and Child Levipmt

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103 CWMBY MR - Asst Prof Orner Hort
12R N PAYNOPhD - Assoc Prof Flor

12F A. C.M. HL. BS - Assoc Prof. Vey Crops 12H J THOMSONMS Instr

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· 1811 JM PnT 1 / in 11 fb1 (405-272-6211 Late.

12E. W TONE J MRCVS P.J. — Dir of Vet Res and Grad Educ

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1J F FRIEND LVM MS Assoc Prof

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61 L ANDERSON BVSc. Apar Pint

4T C. LUI W ALLEROI

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Horticulture_Continued

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1J M I FRUC! VM Instr 1E M JONES DVM Prof

12E W JONES MRCVS PnD Prof

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IN B TENNILLE DVM Prof

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2C W CARROLL Foreman Cotton Res Sta (PO Chickasha)

2E S OSWALT MS Supt 2W E TAYLOR MS Asst Prof

Eastern Okla Field Sta (PO Stilwell)

2C D BRADFORD BS Sta Supt

Eastern Okla Pasture Sta (PO Oktaha)

2W W FULLER MS Sta Supt

Ft Reno Expt Sta (PO El Reno) 25R E RENBARGER MS Asst Sta Supt

25D F STEPHENS MS Supt

Irrig Expt Sta (PO Altus)

2D P PROPHET MS Supt (PO Altus)

Kiamichi Field Sta (PO Idabel)

2J R MOORE BS Sta Sup

Panhandle Expt Sta (PO Goodwell)

2J P ALEXANDER MS Asst Prof

(Aur Starr or Panhandle A and M Col)

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2D M SCHEIBER BS Sta Supt

Peanut Res Sta (PO Stratford)

2W N STOKES Foreman

Pecan Res Sta (PO Sparks)

2H L DAVIS Supt

Sandy Land Res Sta (PO Mangum)

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Southwestern Okla Cotton Sta (PO Tipton)

2V L STRICKLAND Foremon

US Southern Great Plains Sta (PO Woodward)

25E H McILVAIN Jr MS Supt

2P W VOIGT PhD Asst Prof

Vea Res Sta (PO Bixby)

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Animal Science

8470

Chemistry (Agr)-Continued

1RIZWANUL HAQUE PhD Asst Prof Phys Chem 12J E OLDFIELD PhD Prof and Head of Dept IG B JACOBSON PhD Instr Biochem 2JOHN ADAIR BS Senior Instr Mink ISSLEE PhD Instr Biochem 3D E ANDERSON BS Assoc Prof Ext Dairy Spec 5S T LIKENS BS Assoc Prof Chem 12RALPH BOGART PhD Prof Genet 12P R CHEEKE PhD Asst Prof Nutr 12D C CHURCH PhD Prof Nutr 12D C ENGLAND PhD Prof Swine 2F T LINDSTROM PhD Asst Prof Math 2M L MONTGOMERY BS Sect Ldr Herbicide Biochem 12R C MORRIS PhD Assoc Prof Plant Biochem
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J C MILLER PhD Prof Emer Anim Prod 2J M WITT PhD Assoc Prof Agr Chem 1S J YU PhD Res Assoc Entomology 12A W OLIVER MS Assoc Prof Horses 12C E POULTON PhD Prof Range Mgt 12A T RALSTON PhD Prof Beef Cattle 8500 Economics (Agr) 123E N CASTLE PhD Prof Agr Econ and Head of Dept 1PAUL RUTLAND Instr Horses 13M H BECKER MS Prof Agr Econ and Ext Farm Mgt Spec 12W H C SCHALLIG BA Asst Prof Emer Range Mat 12G E BLANCH PhD Prof Tax and Finance
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12J A EDWARDS PhD Frof Price Theory
3C M FISCHER MS Assoc Prof Ext Poultry Mktg 123 J.R. SHAY PhD Prof of Plant Path and Head of Dept 4T C ALLEN PhD Assoc Prot Plant Path Virol 12N I BISHOP PhD Prof Plant Phys Spec 1W H BRANDT PhD Assoc Prof Plant Path 123LEON GAROIAN PhD Prof Ext Mktg Mgt Spec 12H R CAMERON PhD Prof Plant Path Tree Fruit Dis 3R H GRODER MS Assoc Prof Ext Fruit and Veg 1K L CHAMBERS PhD Prof Bot Syst and Curator of Mkta Spec Herbarium 12W W CHILCOTE PhD Prof Bot Ecol
2L C COCHRAN PhD Prof Plant Path.
5RH CONVERSE PhD Prof Plant Path. Small Fruit Dis C N HAGG BS Assoc Prof Emeritus Ext Dairy Mktg Spec 12A N HALTER PhD Prof Prod Econ 12T M HAMMONDS PhD Asst Prof Mktg
H F HOLLANDS PhD Prof Emeritus Agr Econ 12M E CORDEN PhD Prof Plant Path Phys of 50 W HOLMES Jr MS Ass∞ Prof (ERS) Parasitism Mrs ELVERA C HORREL Asst Prof Emer Ext Agr Econ **5**A J CULVER Jr PhD Assoc Prof Bot Mycol Statis 12W C DENISON PhD Assoc Prof Mycol 12R S JOHNSTON PhD Asst Prof Price Theory 3J R DILWORTH Jr BS Instr Seed Certif 123R L LANGMO MS - Assoc Prof Agr Econ Indus Engin 5H L DOOLEY MS Asst Prof Plant Path 12H J EVANS PhD Prof Plant Phys 3S C MARKS MS Assoc Prof Ext Mktg Rpts 2F G MASCN PhD Prof Social Aspects Resource Devlpmt 5R O HAMPTON END Assoc Prof Plant Path Virol 5J R HARDISON PhD Prof Plant Path Forage Dis 5SF MILLER PhD Assoc Prof (ERS) D C MUMFORD MS Prof Emer Agr Econ

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123 J G YOUDE PhD Assoc Prof Mktg 12E K VAUGHAN PhD Prof Plant Path Veg Crop Dis 1DBZOBEL PhD Asst Prof Bot Feel 123R C YOUMANS PhD Ass∞ Prof Resource Econ 8490 Chemistry (Agr) 2V H FREED PhD Prof Chem and Head of Dept 8510 Education (Agr) 1P B DAVIS PhD Prof Agr Educ and Head of Dept Herbicides 1DELBERT SHIRLEY PhD Asst Prof Agr Educ 2F W ADAMS PhD Asst Prof Chem Anim Nutr 12G S BEAUDREAU PhD Assoc Prof Chem 8520 Engineering (Agr) 1D R BUHLER PhD Assoc Prof Toxicol 12DEKIRK MS Prof Crop Process and Food Engin and 2D E BULLIS MS Prof Emeritus Chem

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Engineering (Agr)-Continued Ferm Crops 8560 12M G CROPSEY PhD Prof Elec 123J R COWAN PhD Prof Agron and Head of Dept (503-754-2821) 5T A GEORGE BS Asst Prof Irrig Water Forecast 12A P APPLEBY PhD 5J E HARMOND BS Prof Emer Small Seed Mach Assoc Prof Agron 5L M KLEIN BS Assoc Prof Power and Mach 12J D BERDAHL PhD Res Assoc 5W O BILLINGS BS Asst Prof Plant Mater Spec 12F F BOLTON PhD Res Assoc 12D R LONG MS Prof Power and Mach 1R N LUNDE BS Prof Emer Agr Engin 3W L MATSON MS Prof Ext Agr Engin Spec 3D H BREWER MS Asst Prof Ext Certif Spec 12WHEELER CALHOUN Jr MS Assoc Prof Agron 2G E PAGE MS Assoc Prof Power and Mach 5J K PARK MS Assoc Prof Power and Mach 12JUAN CARDENAS PhD Asst Prof Agron 12J B RODGERS AE Prof Emer Power and Mach 12H RSINNARD MS Prof Structures 12D O CHILCOTE PhD Prof Crop Phys 12Mrs TE MAY CHING PhD Assoc Prof Seed Phys 3G L COOPER MS Instr Ext Certif Asst 5H M VANCEBS Instr Irrig Water Forecast 12J W WOLFE PhD Prof Soil and Water 12H R DANIELSON BA Instr Seed Technol 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PhD Prof Wildlife Ecol and Head of Dept 12C E BOND PhD Prof Fisheries and Asst Dean Grad **Experiment Station Administration** 8540 123W T COONEY MS Dean of Sch of Agr 2G B WOOD PhD Assoc Dean of Sch of Agr and Dir Sch 2W P BREESE MS Assoc Prof Fisheries of Agr Expt Sta 2R SBESSE BS Assoc Dir Emeritus 2R S CALDWELL PhD Asst Prof Fisheries 12W H FOOTE PhD Asst Dir 6H J CAMPBELL MS Asst Prof Fisheries (Coop Ore 2E F GILSTRAP BS Asst to Dir State Game Comm) 12J W HEGGEN BS Acct 2GGCHADWICK MS Asst Prof Fisheries 2R C COURTRIGHT MS Instr Fisheries 2R W HENDERSON PhD Asst Dir 2G E DAVIS PhD Ass∞ Prof Fisheries 2R E DIMICK MS Prof Emeritus Fisheries 12R A SOLUM Fiscal Off 12J R DONALDSON PhD Asst Prof Fisheries 12PETER DOUDOROFF PhD Prof Fisheries Extension Administration 8550 123W T COONEY MS Dean of Sch of Agr 34G M LEAR MPA Assoc Dean of Sch of Agr and Dir of 2R B FISHER Assoc Prof Fisheries 12J L FRYER PhD Assoc Prof Fisheries and Micro 6H L GARRISON MS Asst Prof Fisheries (Coop Ore Fed Coop Ext 3 J R COX MS Act Dir of Fed Coop Ext State Game Comm) 3MARY E ABBOTT MA Ext Dist Supvr 12J D F.ALL PhD Assoc Prof Fisheries 12H F HORTON PhD Prof Fisheries 3TH BOND MS Ext Dist Supvi 12E T JUNTUNEN BS Instr Fisheries 3EVELYN A FUNK MS Asst State Ldr Home Econ 3D P JOHNSON MEd Ext Spec 4-H and Youth 12H M KRUEGER PhD Prof Physiol and Pharmacol 12L W KUHN MS Prof Wildlife Ecol 34 J A KIESOW MEd Ext Spec 4-H and Youth 34G A KLEIN MA Ldrshp Devlpmt Spec 3C L LEACH BS Asst Ext Bus Mgr 3A S LANDFORCE BS Ext Wildlife Mgt Spec 6R L LANTZ BS Instr Fisheries (Coop Ore State Game 3ANN LITCHFIELD PhD Asst Dir Comm) 3C G MONROE MS Ext Spec 4-H and Youth 6W C LIGHTFOOT BS Asst Prof Wildlife E∞l (Coop Ore State Game Comm) **3**H J MYERS MS Ext Dist Supvr 1J B LONG MS Prof Wildlife Ecol 2J R McINTYRE PhD Asst Prof Fisheries 3W G NIBLER MS State Ldr Co Ext Prog 34L M OESTER EdM Ext Dist Supvr 3G D PAULSEN BA ADP Syst Anal 12W J McNEIL PhD Assoc Prof Fisheries 3A LOIS REDMAN MA Ext Spec 4-H and 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Fisheries and Wildlife-Continued

- 6C D SNOW MS Asst Prof Fisheries (Coop Fish Comm of Ore)
- 12B J VERTS PhD Assoc Prof Wildlife Ecol
- 12P A VCHS Jr FhD Assoc Prof Wildlife Fcol
- 6H H WAGNER MS Asst Prof Fisheries (Coop Ore State Game Comm)
- 12C E WARREN PhD Prot Fisheries
- 12L J WEBER $\ensuremath{\mathsf{Ass}} \infty$ Prof Fisheries and Pharmacol
- 12H M WIGHT MS From Wildlife Fool

Food Science and Technology

8580

- 12H W SCHULTZ PhL Prof Food Sci and Technol and head of Dept
- 12A F ANGLEMIEH PhD Assoc Prof Food Sci and Technol Meats
- 2J K BABBITT PhD Asst Prof Food Sci and Technol Seafoods
- 12D V BEAVERS BS Asst Prof Food Sci and Technol Fruit and Veg
- 12D D BILLS PhD Assoc Prof Food Sci and Technol Dairy Prods
- 123F W BODYFELT MS Ext Dairy Proc Spec and Asst Prof Food Sci and Technol
- 12R F CAIN PhD Prof Food Sci and Technol Fruit and Veg
- 2D L CHAWFORD PhD Ask to Prof Food Sci and Technol Seatoods
- 2F W HARVEY PhD Assoc Prot Food Sci and Technol Seafoods
- 23K S HILDERBRAND MS Asst Prof Food Sci and Technol Seafoods
- 12P H KRUMPERMAN PhD Assoc Prof Food Sci and Technol Fruit and Veg
- 2D K LAW ES Assoc Prof Food Sci and Technol Seafoods
- 12D J LEE PhD Assoc Prof Food Sci and Technol Food Proc
- 12JS LEE PhD Assoc Prot Food Sci and Technol Food
- 2L M LIBBEY FFL Assoc Prof Food Sc. and Technol Dairy Prods Natural Flavors
- E M LITWILLER PhD Prof Emeritus Food Sci and Technol
- 12Mrs LGID A Mc BILL BS Assoc Prof Food Sci and Technol Jensory Eval
- 3H P MILLEVILLE BS Ext Food Technol Mktg Spec 12M W MC1 TOCM BY FM Asset Prof Food Sci and
- Technol Meats
- 12M E MORGAN Pal' Prof Food Sci and Technol Dairy Prods Chem and Bact
- 2J E NIXON Public Assit Prof Food Sci and Technol Food Proc
- 2N E. PAMI CWSKI PhD Asst Prof Food Sci and Technol Food Proc
- G A PICHARDSON PhD Prof Emeritus Food Sci and Technol
- 12C E SAMUELS PhD Prof Food Sci and Technol
- 12R A SCANLAN PhD Asst Prof Food Sci and Technol Dairy Prods Natural Flavors
- 12R O SINNHUBERMS Prof Foot Sci and Technol Food Pric
- 2M RISCIPLIBUUS I MS Instrictional Scientification Food Plant Wantes
- 12G W VARSEVELD MS Asst Prof Food Sci and Technol Fruit and Veg
- 2J H WALLIMA Assoc Frot Food Sci and Technol Food Pice
- F H WEGAN BSA Prof Emeritus Food Sci And Technol
- 12R E WHOLLSTAL Fals. Assit Frof Food Sci and Technol
- 12H Y YANG PLP Assoc Prof Food Sci and Technol Fruit and Veg
- 2T C YU MS Asst Prof Food Sci and Technol Seafoods

Home Economics 8620

1BETTY E HAWTHORNE PhD Prof Dean of Home Econ 1SYLVIA LEE PhD Assoc Prof and Head of Home Econ

Home Economics-Continued

- 12MARGY J WOODBURN PhD Prof and Head of Dept of Foods and Nutr
- IVIRGINIA HARGER MS Prof and Head of Inst Mgt 1Mrs WINNIFRED K FULMER MS Head Adv Sch of Home Econ
- 1J PHILIP O'NEILL PhD Prof and Head of Fam Life 1FLORENCE PETZEL PhD Prof and Head of Cloth Text and Relat Arts
- 1HELEN F McHUGH PhD Assoc Prof and Head of Home Mat
- 12CLARA A STORVICK PhD Prof Foods and Nutr and Chmn Home Econ Res
- 3ESTHER TASKERUD MA Asst Dir Ext Emer
- 3ANN LITCHFIELD PhD Prof and Asst Dir Ext
- 1Mrs KITTY G ABRAHAM Instr Fam Life
- 1 GEORGENE V BARTE MS Asst Prof Foods and Nutr 2Mrs EVA BENSON MA Asst Prof Nutr
- 1MIS MARILYN A BERVEN MS Asst Prof Home Econ Educ
- 1GEORGE BAKER BOKORNEY MS Asst Prof Inst Mgt 3Mrs DOROTHY BROWN MS Assoc Prof Ext Home Furn Spec
- 121/rs JANET BUBL MS Asst Prof Cloth Text and Relat Arts
- 1Mrs MARIE BUSSARD MS Asst Prof Foods and Nutr 1Mrs MARIAN C CARLIN MS Assoc Prof Fam Life
- 3ELAINE CARLSON MS Assoc Prof Cloth Text and Relat Arts
- 1HELEN G CHARLEY MS Prof Foods and Nutr ILAURA M CLEAVELAND MS Assoc Prof Inst Mgt Emeritus
- 1J RICHARD CONNELLY PhD Asst Prof Fam Life IMARIE DIEDESCH MS Assoc Prof Cloth Text and Relat Arts
- 1MAY DuBOIS PhD Prof Home Econ Educ
- 1Mrs DOROTHY EAST MS Asst Prof Foods and Nutr
- 2Mrs MARGARET EDWARDS BS Senior Instr Nutr
- 3Mrs JUDITH FOREST Asst Prof Ext Nutr Spec
- 3Mirs ROBERTA C FRASIER MS Prof Ext Fam Life Spec
- 1RUTH E GATES PhD Assoc Prof Cloth Text and Relat Arts
- 1PHYLLIS E GRANT MS Asst Prof Cloth Text and Relat Arts
- 1Mrs MARY ANN GRIEVE MS Asst Prof Home Econ Educ
- IMrs ELIZABETH C JOHNSON PhD Asst Prof Foods
- 3Mrs ALBERTA JOHNSTON MS Assoc Prof Ext Spec Home Mat
- 1MARIE LEDBETTER MS Assoc Prof Cloth Text and Relat Arts
- 12Mrs ANDREA MACKEY PhD Prof Foods and Nutr 1MARY MASSEY PhD Asst Prof For Life
- IMrs JOY Malifian Instrictions and Nutr

Atts

- 12LORRAINE "MILLER PhD Assoc Prof Foods and Nutr
- 1Mrs LESLEY F MORRIS MS Instr Fam Life 1RUTH A MOSERMS - Assoc Prof Cloth Text and Relat
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 12Mrs JEAN PETERS MS Asst Prof Foods and Nutr
- 1Mrs CONSTANCE PLANTS BS Senior Instr Home Econ
- 1MARTHA PLONK PhD Assoc Prof Home Mgt 1Mrs MARY POOLE MA Asst Prof Fam Life
- 1Mrs CATHERINE SMITH MS Instr Fam Life
- 3 BERNICE STRAWN MS Prof Ext Home Mgt and Equip Spec
- 1Mrs LINDA THIEL MS Instr Cloth Text and Relat Arts 1MARY WALLACE MS Asst Prof Foods and Nutr
- 1Mrs VERA L WELLS MS Asst Prof Cloth Text and Relat Arts
- 1Mrs PATRICIA WICKMAN MS Instr Inst Mgt

8630 Horticulture

123S B APPLE Jr PhD Prof Hort and Head of Dept 12J R BAGGETT PhD Assoc Prof Hort Veg Crops 12M H CHAPLIN PhD Asst Prof Hort Pomol 20 CCOMPTON PhD Prof Hort Pomol

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OREGON Horticulture_Continued Seafoods Laboratory 8675 12GARVIN CRABTREE PhD Assoc Prof Hort Weeds (250 - 36th Street Astoria 97103) 12W A FRAZIER PhD Prof Hort Veg Crops 12H WSCHULTZ PhD Prof Food Sci and Technol and Dir 12L H FUCHIGAMI PhD Asst Prof Hort Ornam of Lab 12RALPH GARREN Jr PhD Assoc Prof Hort Small Fruits 2J K BABBITT PhD Asst Prof Food Sci and Technol 12ELMER HANSEN PhD Prof Hort Pomol Seafoods 5H B LAGERSTEDT PhD Assoc Prof Hort Nuts 2 L CRAWFORD PhD Assoc Prof Food Sci and Tech-5F J LAWRENCE PhD Asst Prof Hort Small Fruits nol Seafoods and Prog Dir 12H J MACK PhD Prof Hort Veg Crops 2: W HARVEY PhD Assoc Prof Food Sci and Technol 3C O RAWLINGS MS Prof Emeritus Hort Seafoods 12A N ROBERTS PhD Prof Hort Ornam 23K S HILDERBRAND MS Asst Prof Food Sci and 12R A SMITH PhD Asst Prof Hort Small Fruits Technol Seafoods 3R L STEBBINS PhD Assoc Prof Ext Hort Spec Pomol 2D K LAW BS Assoc Prof Food Sci and Technol Sea-12MAXINE M THOMPSON PhD Asst Prof Hort Pomol foods 12S E WADSWORTH BS Assoc Prof Hort Flor 12M N WESTWOOD PhD Prof Hort Pomol Sails 8680 123H B CHENEY PhD Prof Soils and Head of Dept 12L L BOERSMA PhD Prof Soils Phys Information (Agr) 8640 3A C EBERT BS Assoc Prot Agr Inform Chmn 12M D DAWSON PhD Prof Soils Fert 3L J CALVERT BA Assoc Prof Ext Inform Spec 3E H GARDNER PhD Prof Soils Fert 2R L FLOYD BA Asst Prof Asst Expt Sta Ed 12T T FRANCE BS Asst Prof Asst Dir Pub 12M E HARWARD PhD Prof Soils Mineral Chem 12T L JACKSON PhD Prof Soils Fert 13MARY M HOLTHOUSE MHE Instr Home Econ Inform 3A SKINGMS Froi Land and Water Conserv 12E G KNOX PhD Prof Soils Classif 12D P MOORE PhD Prof Soils Plant Nutr 5R B PARSONS PhD Assoc Prof Soils Classif 3M N SHEARER MS Prof Irrig Crainage Spec 2R GMASON PhD Prof Expt Sta Ed 13W C REID PhD Prof Visinstr Spec 3R W SALISBURY BS Assoc Prof Ext Pub Spec 4C H SANDERSON BA Asst Prof Asst Expt Stg Ed 12G F. SIMONSON PhD Assoc Prof Soils Classif 3W C SMITH BS Assoc Prof Agr Ext and Educ Media 12V V VOLK PhD Assoc Prof Soils Chem 3J A VOMOCIL PhD Assoc Prof Soils Phys 5J L YOUNG PhD Assoc Prof Soils Chem Marine Biology Station (PO Box 197 Port Orford 97463) 12C T YOUNGBERG PhD Prof For Soils 12T GSCOTT PhD Prof Wildlife Ecol and Dir of Sta 12W J McNEIL PhD Assoc Prof Fisheries and Asst Dir 8690 Statistics 12L D CALVIN PhD Prof Statis and Head of Dept of Sta (503-754-3366) 2R C COURTRIGHT MS Instr Fisheries and Head of Sta 12DONALD GUTHRIE Jr PhD Prof Statis 12N A HARTMANN Jr PhD Asst Prof Status 8648 12CE LAND PhD Asst Prof Statis 12T G SCOTT PhD Prof Wildlife Ecol and Assoc Dir of 2Mrs HELEN M LOWRY BS Asst in Statis 12W P LOWRY PhD Assoc Prof Biometrol Center 12W J McNEIL PhD Assoc Prof Fisheries and Head of 12W S OVERTON PhD Prof Statis 12R G PETERSEN PhD Prof Statis

Marine Science Center (PO Newport 97365)

Pacific Fisheries Lab

2W P BREESE MS Assoc Prof Fisheries 12R B FISHER MA Assoc Prof Fisheries

6C D SNOW MS Asst Prof Fisheries (Coop Fish Comm of Ore)

Microbiology 8650

12P R ELLIKER PhD Prof Dairy Microbiol and Head of Dept 12A W ANDERSON PhD Prof Food Microbiol

12W B BOLLEN PhD Prof Soil Microbiol

12J L FRYER PhD Assoc Prof Microbiol and Fisheries

12D A KLEIN PhD Asst Prof Indus Microbiol

5K C LU PhD Assoc Prof Soil Microbiol

12R Y MORITA PhD Prof Marine and Aquatic Microbiol

12L W PARKS PhD Prof Microbiol Physiol

12K S PILCHER PhD Prof Medical Microbiol

12W E SANDINE PhD Prof Dairy Microbiol

12R J SEIDLER PhD Asst Prof Microbiol Cytology

Poultry Science 8660

123GH ARSCOTT PhD Prof Poultry Nutr and Acta Head of Dept (503-754-2301)

3N L. BENNION MS Prof Emeritus Ext Poultry Spec

12P E BERNIER PhD Prof Poultry Genet

12R W DORMINEY PhD Asst Prof Poultry Sci Mat

12J A HARPER MS Prof Poultry Sci Turkeys 12J E PARKER PhD Prof Poultry Sci

Resident Instruction Administration
123W T COONEY MS Dean of Sch of Agr

IE C STEVENSON PhD Assoc Dean of Sch of Agrand Dir of Resident Instr

1R K FENDALL PhD Asst Dean and Head Adv Sch of Åаг

Veterinary Medicine

12K J PETERSON DVM BS Prof Vet Med and Actg Head of Dept

2J N ARMSTRONG DVM Res Assoc Instr Diagnosis

12J F BONE DVM MS Prof Vet Med Path

12H L SCHEURMAN MS Instr Statis

123E M DICKINSON DVM MS Prof Vet Med Path

12J R HARR DVM MS Assoc Prof Vet Med Path

2D H FELFER DVM MS Asst Prof Vet Med Diagnosis 126S E KNAPP PhD Prof Vet Parasitol

2D E MATTSON DVM PhD Assoc Prof Vet Med Virol

20 H MUTH DVM MS Prof Vet Med Path 3G E REYNOLDS DVM BS Assoc Prof Ext Anim Health Spec

2J N SHAW DVM BS Prof Emeritus Vet Med

2D H SMITH DVM MS Prof Vet Med Diagnosis

2J O STEVENS DVM MS Asst Prof Vet Med Virol

Water Resources Research Institute

1R M ALEXANDER MA Dir WRRI 1W H BUCKLEY MA Asst Prof and Exec Secy WRRI

Branch Stations 8720

Central Oregon Expt Sta (PO Redmond 97756)

2M J JOHNSON PhD Supt and Assoc Prof Agron

Eastern Oregon Expt Sta (PO Union 97883)

12J A E McARTHUR PhD Supt and Prof Range Mgt and Anim Husb

2B R ELLER MS Asst Prof Anim Husb

12FV PUMPHREY MS Assoc Prof Agron

John Jacob. Astor Expt Sta (PO Astoria 97103)

2D W CLAYPOOL MS Asst Prof and Supt

H B HOWELL BS Prof Emer

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8720-8726 OREGON

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Branch Stations—Continued	Forest Management—Continued
Klamath Expt Sta (PO Klamath Falls 97601)	24D P LAVENDER PhD Assoc Prof For Physiol
2A EGROSS MS Supt and Prof Agron	12W F McCULLOCH EdD Prof For Mgt
2G E CARTER MS Asst Prof Agron	12W P NAGEL PhD Assoc Prof Ent
Malheur Expt Sta (PO Ontario 97914)	12MICHAEL NEWTON PhD Assoc Prof For Mgt
2/EN HOFFMAN BS Suptomed Assoc Prof Agron	12WS CVERTON PhD Prof Stat
2L A FITCH MS Asst Prof Agron	12D P PAINE PhD Assoc Prof For Mgt
Mid-Columbia Expt Sta (PO Hood River 97031)	2R R REICHART DEd Prof For Educ
2W M MELLENTHIN MS Supt Prof Hort Pomol	12L L STREEBY PhD Asst Prof For Econ
G G BROWN Assoc Prof Emer	12C F SUTHERLAND PhD Assoc Prof For Mgt
5D L COYIER PhD Assoc Prof Plant Path	2R H WARING PhD Asst Prof For Mgt
2T J FACTEAU PhD Res Assoc Hort	12W P WHEELER PhD Prof For Mgt
2C Y WANG Res Assoc Hort	1R A YODER MF Prof For Mgt
2S Y WANG Res Assoc Hort	12C TYOUNGBERG PhD Prof Soils
2R W ZWICK PhD Assoc Prof Ent	2J BIAERR PhD Asst Prof For Physiol
North Willamette Expt Sta (PO Aurora 97002)	Forest Products 8724
2L W MARTIN PhD Supt and Asst Prof Hort	
2W A SHEETS BS Senior Instr Hort	12E L ELLIS PhD Prof For Prod and Head of Dept
2R L TICKNOR PhD Prof Hort Ornam	2HARVEY AF PhD Assoc Prof For Prod Chem
Pendleton Expt Sta (PO Pendleton 97801)	2G H ATHERTON MS Prof Mech Engin
2CRROHDE PhD Supt and Prof Agron	2W J BUBLITZ PhD Assoc Prof For Prod
M M OVESON MS Prof Emer Agron	2S E CORDER BS Assoc Prof Mech Engin
5R E RAMIG PhD Assoc Prof Soils	12R E CURRIER MS Assoc Prof For Prod
2D J RYDRYCH MS Asst Prof Agron	12L D ESPENAS MS Prof For Prod
Sherman Expt Sta (PO Moro 97039)	2R D GRAHAM MS Assoc Prof For Prod
2J T McDERMID BS Supt and Asst Prof Agron	2P E HYDE MS Asst Prof Mech Engin
Southern Or egon Expt Sta (PO Medford 97502)	2J W JOHNSON MS Assoc Prof For Prod
2P B LOMBARD PhD Supt and Prof Hort	2C J KOZLIK MF Asst Prof For Prod
2L G GENTNER PhD Prof Emer Ent	124R L KRAHMER PhD Assoc Prof For Prod
FCREIMER Prof Emer	2R H KUNESH MWT Instr For Prod
2P H WESTIGARD PhD Assoc Prof Ent	12M L LAVER PhD Assoc Prof For Frod Chem
2HHWHITEMS Prof Emer Agron	24W F LEHMANN MS Asst Prof For Prod
2JAYUNGEN MS Assoc Prof Agron	2R T LIN PhD Asst Prof For Prod
Squaw butte Expt Station (PO Burns 97720)	12M D McKIMMY PhD Assoc Prof For Prod
2R J RALEIGH PhD Supt and Prof Anim Nutr	23R O McMAHON PhD Assoc Prof and Wood Prod Mktg
2C L FOSTER Asst Prof Anim Sci	Spec
2E B RITTENHOUSE MBA Asst Prof Range Mgt	2D J MILLER MS Asst Prof For Prod
2C B RUMBERG PhD Assoc Prof Agron	2ANTON POLENSEK MS Inst Mech Lingin
5F A SNEVA BS Asst Prof Range Mgt	13A C VAN VLIET MS Assoc Prof and Wood Prod Ext
	1071 O VILL VEIEL IND TIBOGOT TOT AND MODEL TO EAST
2W A SAWYER RS Prof Bange Mat Emer	Spec
2W A SAWYER BS Prof Range Mgt Emer	Spec
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Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed
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Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331	Information (For) 8725 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed
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Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path
Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol
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Umatilla Expt Sta (PO Hermiston 97838) 2T P DAVIDSON BS Supt and Asst Prof Hort School of Forestry, Forest Research Laboratory of Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 9A-TR, M-S Program 8721 1R E LIEUALLEN EdD Chanc State Syst of Higher Educ	Information (For) 12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed 12GERTRUDE W MAHER MA Asst Ed USDA Forestry Sciences Laboratory 5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path 5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol 5R K CAMPBELL PhD Res Genet 5D L CCHES PhD Assoc Plant Genet 5G EDATLRMAN PhD Assoc First 5C T DYRNESS PhD Soil Sci Prof For Soils
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12P M ANDERSONMS Assoc Prof Agr Engin
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13J R CARDENUTO MS Assoc Prof Rural Sociol Ext 13L S CLICK MS Assoc Prof Agr Engin Ext 13D R DAUM MS Asst Prof Agr Engin Ext 13A R GROUT MS Assoc Prof Agr Engin Ext
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PENNSYLVANIA 8810-8860

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8860-8880 PENNSYLVANIA

Horticulture-Continued	Veterinary Science—Continued
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12L D TUKEY PhD Prof Pomol	12P J GLANTZ PhD Assoc Prof Immunol
12J W WHITE PhD Assoc Prof Flor	12STEPHEN GORDEUK VMD Assoc Prof Poultry Path
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2G E PRINGLE PhD Econ Dir of Dept 2L A ALVAREZ MS Phytopath 8960 2HECTOR CIBES VIADE PhD Phytophysiol 2Mrs AMELIA CORTES MONLLOR BS Asst Bact 2Mrs MARIA del C FERNANDEZ PhG Assoc Nutr 2REINALDO CALERO BA Asst Sociol 2PALIMAR CHQUDHURY PhD Asst Econ 2L R COLLAZO SAINZ JD Assoc Sociol 2Mrs SOCORRO GAZTAMBIDE de URRUTIA MS Asst 2Miss ASTRID CONDE RAMIREZ BA Res Asst Chem 2JAIME GONZALEZ IBANEZ BS Asst Biol 2GABRIEL ESPINET MS Assoc Econ 2RAFAEL GARCIA CRIEGA MS Assoc Econ 2L C LIU PhD Asst Phytophysiol 2L J LIU PhD Phytopath 2SALVALOR GONZALEZ GARCIA BAE Res Asst 2EDGARDC GONZALEZ VILLAFANE MS Assoc Econ 2J H LOPEZ ROSA PhD Assoc Phytopath 2P L MELENDEZ PhD Asst Phytopath 2Miss JULIA F MIGNUCCI SANCHEZ BS Res Asst 2Miss MARIA I HERNANDEZ LOPEZ MA Res Asst 12LESLIE HERNANDEZ GONZALEZ MS Assoc Econ 2J E PEREZ OTERC PhD Bact 2A A LLCRENS MS Assoc Econ 2Miss JOSEFINA SANCHEZ del MCRAL MS Asst Biol 2FRANK MATTERN MA Asst Mktg Spec 2Miss WILMA MATOS CARDONA BA Res Asst 2M A TIO PhD Phytophysiol 2L R MULER MA Asst Sociol 2ROY WOODBURY MS Taxon 2Mrs LILLIAN RODRIGUEZ de ZAFATA MA Asst Econ 2J E SANTINI MS Asst Econ 9010 2Mrs MARITZA RODRIGUEZ de SHERERTZ BS Res Plant Breeding 2JESUS VELEZ FORTUNO PhD Plt Brdr Dir of Dept Asst 2DANIEL VARGAS HERNANDEZ MS Assoc Econ 2HECTOR GANDIA BS Hort 24JAIME ZAPATA ACOSTA MA Assoc Econ 2S J HANG PhD Asst Plt Brdr 2HEBER IRIZARRY PhD Asst Plt Brdr 2WILLIAM PENNOCK MS Hort 8970 Engineering (Agr) 20 D RAMIREZ TORRES PhD Assoc Plt Brdr 2K G SHAMBULINGAPPA PhD Assoc Cytogenet 12J H RODRIGUEZ ARIAS PhD Prof Agr Engin and Dir of Dept 2P C SWEERE MS Asst Plt Brdr 12W F ALLISON PhD Assoc Prof Agr Engin 2Mrs ANYLTHA TORRES de SANTIAGO BS Res Asst 2MODESTO CAPIEL AMADEO PhD Assoc Soil Sci 2JCSE ORTIZ VELEZ MS BSCE Assoc Dramage 2NIILO VIRKKI PhD Cytogenet 12RENE OTERO DAVILA BSAE Asst Agr Engin 12A L PHILLIPS PhD Assoc Agr Engin Rum Pilot Plant 9020 24R VAZQUEZ ROMERO PhD Imig Sci 2VICTOR RODRIGUEZ BENITEZ MS Chem Engin and 8980 Dir Entomology 2M E PEREZ ESCOLAR PhD Ent and Head of Dept 2J L AGUIARBS Asst Chem 2Mrs ZULMAIde AYALA MS Asst Chem 2Miss NELIA ACOSTA VILLEGAS BS Res Asst 2ALEJANDRO AYALA ALMODOVAR PhD Assoc Ne- ${\bf 2}{\bf A}{\bf M}{\bf A}{\bf D}{\bf O}{\bf R}$ BELARDO YADOS MS ${\bf A}{\bf s}{\bf s}{\bf s}{\bf c}$ Chem and ${\bf A}{\bf s}{\bf s}{\bf t}$ to Dir matol 2Mrs NIDIA H FERNANDEZ de MURPHY MS Ass∞ 2RAFAEL BONILLA ROBLES BS Res Asst 2P E FERKET MS Asst Ent Bact 2Miss DELIA FERNANDEZ MS Asst Chem 2Miss EDNA I MARRERO BS Res Asst 2Mrs ISABEL E MORELL de GONZALEZ BS Asst Chem 2J C GARCIA TUDURI MS Asst Ent 27Mrs CALIXTA SANCHEZ de TORRES NOYA BS Asst 24L F MARTORELL PhD Ent 2SILVERIO MEDINA GAUD MS Asst Ent Chem 2Mrs XICMARA RIVAS de BERDECIA BS Res Asst 2GERMAN SANTIAGO RIVERA MS Asst Chem 2 JULIAN ROLDAN MS Soil Chem 2 JESSE ROMAN TORO PhD Assoc Nematal 9030 Substations 2J A SINGMASTER III MS AsstChem ADJUNTAS SUBSTATION 2RAMON BCSQUE LUGO BS Assoc Agron in Chq 8990 2E G BONETA GARCIA BS Asst Hort Food Technology Laboratory 2M A GCNZALEZ RCMAN MS Assoc Food Tech and COROZAL SUBSTATION 2ANTONIC SOTOMAYOR RIOS PhD Ass∞ Plant Brdr Dir 2DANIEL ALCALA FRASQUERI BS — Assoc Bact ın Cha **2**J R BENERO BS — Assoc Chem and Admin Asst 2J A RODRIGUEZ GARCIA BS Res Asst 2 JAIME VELEZ SANTIAGO BS Asst Agron 2Mrs MARIA L de BERRIOS BS Res Asst FORTUNA SUBSTATION 2Mrs CARMEN E BUESO BS Asst Food Tech 2ANIBAL TORRES SEPULVEDA MS Asst Hort in Chg 24ARTURO CEDEÑO MALDONADO MS Asst Hort 2L E CANCEL MS Food Tech 2H L CANCEL MASSANET MS Res Asst 2GUILLERMO COLOM COVAS BS Assoc Hort 24JUSTO LOPEZ GARCIA MS Asst Agron 2Mrs ALMA L COLLAZO de RIVERA Asst Chem 2VICTOR GODHEAU BSA Asst Agron 2J R CRUZ CAY MS Asst Food Tech 2RUBEN GUADALUPE LUNA BS Asst Hort 2BIENVENIEC MARTINEZ BS Asst Hort 2F H CRTIZ BS Asst Agron 24RAFAEL PEREZ PEREZ MS Asst Ent 2IVAN HERNANDEZ VIZCARRONDO BS ChE Asst 2ISMAEL REYES SOTO BS Hes Asst Chem Engin 2Mrs ANA G HUYKE de IRIZARRY BS Tech Asst 2SANTOS VALLE LAMBOY BS Asst Agron

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9080

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3J ORTIZ RIVERA BSA Ext Agr Agt

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3D L RODRIGUEZ BSA Ext Agr Agt 3J M RODPIGUEZ BSA Ext Agr Agr

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3L S RODHIGUEZ BSA

3M ORTIZ RODRIGUEZ BSA Ext Agr Agt

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Econ

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3C W KEESE MS Ext Agr Engin Soil and Water Engin Safety

120 R KUNZE PhD Assoc Prof Agr Proc and Farm Elec **2WELDON** LAIRD Res Assoc Grain and Feed Proc

2WAYNE LePORI MS Res Assoc Veg Mech

1W E McCUNE MS Prof Farm Elec

3LEON NEW BS Area Irrig Spec (PO Lubbock)
3H P O'NEAL BS Ext Agr Engin Power Mach

2N K PERSON MS Asst Prof Grain and Feed Proc

12D L REDDELL PhD Asst Prof Soil and Water

3B G REEVES MS Ext Agr Engin Cotton Gin and Mech

12J W SORENSON Jr MS Prof Grain and Feed Proc

5R A STERMER MS Agr Engin

12B R STEWART PhD Asst Prof Farm Structures

12R E STEWART PhD Distinguished Prof Environ

1H C WALKUP MS Asst Prof Farm Elec Spec and Agr Ed Spec Prog

12L H WILKES MS Assoc Prof Power Mach

1C H YEATES BS Asst Prof Oxyacetylene Welding and Agr Ed Spec Prog

Agricultural Information

10030

23H H BREVARD MEd Actg Ed and Head (713-845-2211)

3W F BRADEN BS Area Inform Spec (PO Lubbock)
3D V BYNUM BA Area Inform Spec (PO Denton)

3Mrs ANN M COLE BS Pubs

23R H CULLEN Art Group Supr

2Mrs NANCY C DAVIS BA Pubs

12P D GOUGLER MS Asst Prof

23T L GREEN Artist

3Mrs DOROTHY A HOLL AND MEd Asst Ed Pubs

3J S HUNT BS Motion Picture Prod Tech

3F A KIKER Artist

3MARY K MAHONEY MS Area Inform Spec (PO Weslaco)

3J A MOUNCE Artist

23J W POTTS MS AsstEd News Coord **3**L A QUINN BS Radio-TV Spec

2Mrs HELEN B SCOTT MS Asst Ed Pubs

2Mrs BONNIE STEWART MEd Asst Ed Pubs

Animal Science

10040

1230 D BUTLER PhD Prof and Head of Dept (713-845-

3W W BAILEY BS Livestock and Meat Spec

12J W BASSETT PhD Assoc Prof Sheep Goats Wool Mohair

ROBERRY PhD Prof Emer Reprod (PO Cypress)

Animal Science-Continued

3J R BEVERLY MS Anim Reprod Spec Physiol of Reprod

12L H BREUER PhD Assoc Prof Rumin Nutr
3M C CALHOUN PhD Asst Prof Sheep and Goat Nutr (PC McGregor)

12A E CALVEZ BS Instr Swine

23S E CARPENTER BS Area Dairy Spec (PO Overton)

12Z L CARPENTER PhD Assoc Prof Meats Invest 12T C CARTWRIGHT PhD Prof Anim Brdg

1B F COBB PhD Asst Prof Marine Sci

3J J COWLEY PhD Livestock Spec Beef Cattle Swine (PO Weslaco)

3J W DAVIS BS Dairy Spec Dairy Prod 12C W DILL PhD Assoc Prof Dairy and Food Chem

12ARNO DRIEDGER PhD Asst Prof Rumin Nutr

12W C ELLIS PhD Assoc Prof Rumin Nutr

12H A FITZHUGH PhD Asst Prof Anim Brdg

12J L FLEEGER PhD Asst Prof Physiol of Reprod

1H W FRANKE MS Asst Prof Livestock Mktg

3J A GRAY MS Sheep and Goat Spec Sheep Goats (PO San Angelo)

3J L GROFF MEd Sheep and Goat Spec (PO Kerrville)

3R D GROOMS PhD Livestock Spec Beef Cattle Swine (PO Overton)

12FRED HALE MS Prof Emer Swine 3G R HOLLIS PhD Swine Spec (PO Lubbock)

1W W HOLTZAPPLE BS Beef Cattle Spec Agr Educ ವಿಶ್ವಾದ

2R L HOSTETLER MS Asst Prof Meats Chem

1BOB JACOBS BS Swine Prod Spec
12N M KIEFFER PhD Assoc Prof Cytogenet

12G T KING PhD Assoc Prof Meat Invest

12W A LANDMANN PhD Prof Meat Chem

12G T LANE PhD Asst Prof Dairy Prod

123R E LEIGHTON PhD Prof Dairy Prod **2**B A LINK PhD Res Sci Meat Chem

1FRANK LITTERST BS Beef Cattle Spec Agr Educ Spec

3L A MADDOX MS Cattle Spec Beef Cattle Brdg 2W S McGINNIS MS Res Assoc Anim Brdg

3A M MEEKMA MS Dairy Spec Dairy Prod

2A A MELTON MS Asst Prof Livestock Mgt

3F A ORTS PhD Meats Spec

3J C PARROTT PhD Area Beei Cattle Spec Beef Cattle (PO Amarıllo)

123L S POPE PhD Prof and Assoc Dean of Agr

12H E RANDOLPH PhD Assoc Prof Dairy and Food Technol

12J K RIGGS MS Prof Beef Cattle
I W RUPEL PhD Prof Emer Dairy Prod

12L M SCHAKE PhD Assoc Prof Beef Cattle Feeding

12G C SMITH PhD Assoc Prof Meat Invest

12A M SORENSEN PhD Prof Physiol of Reprod

123T D TANKSLEY Jr PhD Assoc Prof and Swine Spec Swine

3W B THOMAS PhD Swine Spec Swine

3U D THOMPSON MEd Beef Cattle Spec Beef Cattle (Feeding)

12CARL VANDERZANT PhD Prof Dairy and Food Microbiol

2D F WESELI PhD Assoc Prof Immunogenet

3T H WHITE MS Area Dairy Spec (PO 490 Denton)
1L D WYTHE MS Asst Prof Livestock Selec

3B YEATES BS Horse Spec Horses

Biochemistry and Biophysics

10050

12W A LANDMANN PhD Prof and Acta Head Biochem of Muscle (713-845-5011)

12J M PRESCOTT PhD Prof and Dean Col of Sci Proteins and Enzymes

12G W BATES PhD Asst Prof Phys Biochen.

2MARY E BAYLISS BS Res Assect

12N R BOTTINO PhD Assoc Prot Lipi H Metab

12B J CAMP PhD Prof Toxicol

ICM CATER PhD Asst Prof Protein Chem

12J R COUCH PhD Prof Poultry Nutr

12C R CREGER PhD Assoc Prof Metab

15H R CROCKSHANK PhD Lect Min Nutr

2D L CULLEN PhD Post Doctoral Fellow

TEXAS 10050-10090

Biochemistry and Biophysics-Continued Chemistry (Cal of Sci)-Continued 12J W DIECKERT PhD Prof Cellular Diff 12G A DONOVAN PhD Asst Prof Biochem Genet 1R M HEDGES PhD Prof 10 A HORVE PhD Prof 1K F IRGOLIC PhD Asst Prof 12R D GRISBY PhD Asst Prof Mass Spect 2A R HANKS PhD Asst Prof 1A F ISBELL PhD Prof 12H O KUNKEL PhD Prof; Dean Col of Agr; Actq Dir 1H KAYE PhD Asst Prof 1J LAANE PhD Asst Prof TAES Metab 12R W LEWIS PhD Prof Nutr Anticarcincgens 1D R LEE MS Assoc Prof 2B A LINK PhD Post Doctoral Fellow 1JANE M MAGILL PhD Instr 18 A LL JUNCON PhD Aget Prof. 1H A LIEBHAFSKY PhD Prof 12 H 1 UNSFORD PhL Astroc Prof 1E F MEYER Jr PhD Asst Prof X-Ray Crystallography IR D MACFARLANE PhD Prof 6GLEN MOTT MS Res Assoc 1: C MAPIANO PhD Asst Prof 1E A MEYERS PhD Prof 12J NAGYVARY PhD Assoc Prof Nucleotide Chem 12C N PACE PhD Asst Prof Chem and Macron.olecules 2P K RAJU PhD Res Sc1 1J B NATOWITZ PhD Asst Prof 2A G RAO PhD Res Sci 1D H C'BRIEN PhD Ass∞ Prof 1W M PASIKA PhD Assoc Prof 1A S RODGERS PhD Assoc Prof 2JOHN REBELLO Post Doctoral Fellow 2RAYMOND REISER PhD Dist Prof Lipid Biochem 17 CHOOP Phil Asst Prof 17 White Phil Asst Prof 2M C THOMAS MS Res Assoc 2Mrs MARY M TRANT BS Res Assoc 1E A SCHWEIKERT PhD Asst Prof 2Mrs STELLA WILKES Res Assoc 15 L SHAPIRO PhD Prof 5Mrs ERMA S VANDERZANT PhD Biochem Ins Nutr 1F SICILIO PnD Prof 1R D STIPANOVIC PLD Asst Prof Biology (Col of Sci) 1T T SUGIHARA PhD Prof 1006C 1J van OVERBEEK PhD Dir (713-845-6131) 1A D SUTTLE Jr PhD Prof and Vice Pres for Res Aress Frof IWP FIFE PhD Asst Dir 1Y ... A. iru 1R N TRAXLER PhD Prof 1J W ANDERSON PhD Asst Prof 1M TSUTSUI PhD Prof 1S O BROWN PhD Prof IW J CLARK PhD Assoc Prof 1R L WATSON PhD Asst Prof 1R D WHEALY PhD Prof 1E COX PhD Asst Prof 1R C WILHOIT PhD Assoc Prof 1R A ZINGARO PhD Prof 1K H DAHM PhD Prof IL S DILLON PhD Prof 1B J ZWOLINSKI PhD Prof IW J DOBSON PhD Prof 1B G FOSTER PhD Assoc Prof 1J D GOESCHL PhD Asst Prof Entemology

123F I ALEICUCN Phil Prot and Heart Cotton Ins
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The Fire Fire (PC Lubbook) 10090 IVE GRANT PhD Prof 1H L GRAVETT PhD Prof 1H W HARRY PhD Assoc Prof 3i. F BCRING III BC Area Ent Ext (PC Lubbock) 1S H HOPKINS PhD Prof 51 1 HULL, Pnf Re. Ent Cotton Ins 20 1 BTRGIN BS Chief Foulbrood Insp Foulbrood 1K HORVATH PhD Asst Prof. 1H KLEEREKOPER PhD Prof 12H H H J-KE, PhD Frof Ins Taxon
3% 1 NYMER FhD Area Ent Ext (PO Lubbock)
3 1 1 NEFEL Area Ent Ext (PO Control N 1W R KLEMM PhD Prof 1G M KRISE PhD Prof 1J G MACKIN PhD Prof 3. A. Michael Area Ent Ext (PO Lubbock 3. I. M. F. F. Area Ent Ext (PO Gonzales) 5. F. A. F. J. W. F. F. Ger Ent Cotton Ins 3. F. M. J. F. F. L. Area Ent Ext (PO Overton) 5. F. M. L. F. F. J. Area Ent Ext (PO Overton) 5. F. M. J. F. F. J. Area Ent Ext (PO Insured I IK P KUCHNOW PhD Asst Prof 1K J McCREE PhD Assoc Prof 1D D McLAIN PhD Asst Prof 1H A ROLLER PhD Prof 1I V SARKISSIAN PhD Prof 1G L SCHROETER PhD Asst Prof 2° A riAl. Equit rood Imp 31° riAl. VAI M. Allet Ent Ext 126° L. HANNA PhD Assoc Prof Cotton Ins 1J J SPERRY PhD Prof IM H SWEET PhD Assoc Prof IW A TABER PhD Prof 1 THE HEAD RESERVED ASSOCIATED ASSOCIATION OF THE PROPERTY OF THE ASSOCIATION OF THE ASSO IL E THURSTON PhD Asst Prof 1E A TSUTSUI PhD Assoc Prof 1C H M van BAVEL PhD Prof 5. F KIII. Red Ent Livestock Ins Invest 1B F WATSON PhD Asst Prof 12V A LITTLE Finl Frof Emer Cotton Ins 5R K MORRISON BS = ant Cotton Ins 1J P WIEBE PhD Asst Prof 1W B WILSON PhD Asst Prof 3C W NEEB BS Ext Area Ent (PO Ft Stockton) 1U G WHITEHOUSE PhD Assoc Prof 2S J NEMEC BS Res Assoc Cotton Ins 3W H NEWTON PhD Ent Ext 21 L. HAYNE PhD Asst Prof For Ins Chemistry (Col of Sci) 10070 2F W PLAPP PhD Assoc Prof Toxicol 1A E MARTELL PhD Prof and Head of Dept 12M A PRICE MS Assoc Prof Vet Ent (713-845-2011) 12N M RANDOLPH MS Assoc Prof Forage Crops Ins 12H J REINHARL BS Prof Emer Ins Taxon 1E T ADAMS Jr PhD Assoc Prof 1R B ALEXANDER PhD Assoc Prof 31 Ch. BUMMEL PhD Area Ent (PO Lubbock)
5R L KILGWAY PhD Ent in Cha Cotton Ins 1J B BECKHAM MS Assoc Dean of Sci 1D W BROOKS PhD Asst Prof 12J C SCHAFFNER PhD Assoc Prof Fruit Ins 1P K CALAWAY PhD Prof 21 W LMITH PhL Asst Prof Peanut Ins 1D C CONWAY PhD Prof 12W L STERLING PhD Asst Prof Cotton Ins 1J H FENDLER PhD Assoc Prof 5Ft A STOKES MS Chem. Cotton Ins 30 C THOMAS PhI Ent Ext IC S GIAM PhD Asst Prof 1K A GINGERICH PhD Prof 5PATRITK THOMESON PhD Hes Ent Liveutock Ins 1J K GLADDEN PhD Prof 1G I GLCVER PhD Asst Prof 3H A TURNEY MC Area Ent (PO Denton)
2H W LAY TURNEY, PhD Asst Prof Pecan Ins
2W I WINCH | Foultwood Insp 1J S HAM PhD Prof 1C K HANCOCK PhD Prof 1K E HARDING PhD Prof

TEXAS 10090-10145 10140 Home Economics 3Mr.s FLORENCE W LOW MS - Asst Lir for Home Econ Entomology—Continued Acr Ext (713-845-6411) 123 B VINSON PhD Assoc Prof Physiol 2J K WALKER MS Asst Prof Cotton Ins
5C J WHITTEN MS Ent Cotton Ins
5J E WRIGHT PhD Res Ent Livestock Ins Invest 2ALICE C STUBBS PhD Actg Head Home Econ Res and Assoc Prof 3ALICE F ANDERSON BS Asst Foods and Nutr Spec 3MINNIE E BELL MS | Spec in Fam Life Educ 3JANE BERRY MS Area Spec in Hour and Home Furn 10100 Extension Administration 3L L BURLESON MS Pers Devlpmt Off (PO Houston) 3C H DOERGE BS | Exec Staft Asst (713-845-6411) 3Mr. FLORENCE W LOW MS | Asst Dir for Hom Econ 3Mrs GWENDCLYNE CLYATT MS Spec Consum Mktq (PC Houston) 3JANE W. COHEN BS Asst Foods and Nutr Spec (ENP-3D C PFANNSTIEL PhD Asst Dir Youth) 3J H ROTHE BS State Agr Agt 3FANNIE BEFATON MA Spen in Cloth 3A H WALKER MS State Agr Ldr 3 HULITH K HILMORE PSHE | Spec in Cloth 3CLAUTIA S WILLIAMS MS - State Home Demon Agt 3L JANE FILEICHER MS Spec in Fam. Life Educ
3MYFILE E GAMBETT M. Frog Spec Limited Income
3GHAHAM E HARD PhD Spec in Cloth
3JENNIL & KITCHING M. Spec in Fam. Life Educ
3BONNIL & LYERLY MS Spec in Home Mgt Extension Supervision 10110 3VERA E ADAMS MA Dist Agt (PO San Angelo) 3J E BURLESON BS Dist Aut (PO Stephenville) 3MARY L COTHRAN MS Dist Agt (PO Overton) 3Mrs TOM JOYCE CUNNINGHAM MS Dist Aqt (PO 3L RMII LLRMS Recr Spec 3Min | CHIC MYEIRS MS | Specint Horse Mat Denton) 3BONNY OLSEN MS | Spec in Hous and Home Furn 3V L PELLETT Phb | Spec in Mental Health-Mental 3N SUE FARRIS BS Dist Agt (PO Amarillo) 3ALMA F FLIPPO MEd - Dist Adv (PC Wedluco) 3W W GRISHAM Jr BS Dist Agt (PO Amarillo) Retard Educ 3FRANCES L REASONOVER MA Foods and Nutr Spec 3B C GUNTER MS Dist Agt (PO Lubbock) 3Mrs ANNIE MAE HATCHETT MHE Ed Dist Agt (PO 3Mrs HAZEL L ROBERTS MS Cloth Spiro 3LAURA J PUSSELL MS Area Spec in Hous and Home Eurn (PO Denton) 3SALLY SPHINGER MS | Foods and Natr Spec 3Mrs ROBERTA JOHNSON BS Dist Agt (PO Ft 3J O STANDLEY MA | Spec in Mental Health-Mental Stockton) hetard Educ 3ANNIE LUCY LANE MEd Dist Agt (PO Stephenville) 3JOANNE M THURBER BS | Spec in Consum Ed 30 H LEHMBERG MEd - Dist Agt (PC Overton) 3R S LOFTIS BS Dist Agt (PO Overton) 3JIMMY K ULLOM MS - Spec in Foods and Nutr 3TED MARTIN BS Dist Agt (PO Denton) 3GUILLERMINA VALDEZ BS - Asst Foods and Nutr Spec 3Mrs AUBREY W RUSSELL MA Dist Agt (PO Lubbock) (ENP-Youth) 3J D SELMAN BS Dist Act (PO Weslaco) 3R D SIEGMUND BS Dist Agt (PO Ft Stockton) 10145 Natural Biosciences, School of 3J G SIMMONS BS Dist Agt (PO Vernon) RANGE SCIENCE 123C L LEINWEBER PhD Prof and Head of Dept 3U B STOCKARD MEd Dist Agt (PO College Station)
3A E TURLER MEd Dist Agt (PO San Angelo)
3LEOTA WHITE MS Dist Agt (PO Gonzales) (713-845-6531) 2T J ALLIEN Phi - Asst Froi Brush Centrol 2R L/ BAKER Res Assoc 5J P RAUR PhD Plant Physiol5R W BOVEY PhD Agron 10120 Farm Service **2**A A MELLION MS Farms Mar (713-846-5578) 2JACK BOWMER MS - Asst Runge Sci Veg Control 2F S LAVIS PhD Assoc Prof Brush Centrol 12J D I GL L PhD Prof Plant Ecol 2h F. MILLER Farm Res Serv Mar (713-846-5578) 10125 12G B DONART PhD Asst Prof Range Mgt Feed and Fertilizer Control Service 20 E FIGHER - Prot Brush Control (PO Lubbock) **2**D R McDONALD Dir (713-845-1121) 21 \ BARNETT BS Insp (PO Victoria) 12F W GOULD PhD Pisting Prof Agrostol 2P H HAAS Phi Asst Prof Brush Control 28 F BLANKENSHIP BS Admin Asst 21.A # ENCE BUICE Insp (PC Amarillo) 3GO HOLLEMAN MS Brush and Weed Control Spec 12M M KOTHMANN PhD Asst Prof Range Sci 12W G McCULLY PhD Prof Grassland Mit 20RAN COKER Jr Insp (PO Lockhart) 2N N CCLUMBETTI MBA Asst Dir, Aud **2**L B MERRILL PhD - Assoc Pro: Rande Mat (PO 2PAT DIAL Asst Aud 26 HI UHRENBERGER BS Insp (PO Westfield) Conora) 21 M HAIRSTON BS Insp (PO Lubbock) 2J W JAMES Jr BS Admin Asst 5R E MEYEK PhD Plant Physiol 3R V MILLER PhD Area Range and Brush Spec Range Mgt (PO Vernon) 2W E O'NEAL BS Insp (PC Corsicana) 2C C PERRY MA Chief Insp (PO Dallas)
2R M PUTNAM BS Insp (PO Luikin) 2P C OHI ENBUSCH MS Res Assoc Poisonous Plant Stud (PO Midkiff) 2A M RENERC BS Insp (PO Denton) 3B J RAGSMALE PhD Range Spec Bange Mgt 21 B HIVE BS Insp (PO Linciale)
2GENE RISER Insp (PO Kingsville)
2J R SCOT! Insp (PO Ft Worth)
2D I. SHEEF BS Insp (PC Vernon)
2I J SHENKIR BS Control Req 2C W ROBINSON MS Res Assoc Ver Control 3J C HOUGERS MS - Ext Range Spec Range Mgt 2C J SCIFRES PhD Asst Prof Brush Control 2F E SMEINS PhP Asst Prof Plant Ecol RECREATION AND PARKS 2L G SILLES BS Control Reg 123L M POUR Phi Prof and Head of Dept (713-845-5411)
12R L BURY PhD Assoc Prof Outdoor Recr 21 T TAYLOR BA Insp (PC San Marcos) 2J C WILLIAMSON BS Insp (PO Brownwood) **2**G B WILSON BS Insp (PC San Angelo) 12M L CLARKE PhD Asst Prof Recr and Park Admin 12R E COUCH MS | Instr Community Rest 12C A GUNN PnU | Frof Tourist and Pect Devlpmt **2**WALTER YOUNG BS Insp (PO Bryan)

Forest Service Administration

10130

2EOUL HOLGES MC Res Assoc Park Admin
12PILLIE INGRAM PhD Asst Prot Recr and Park Admin

3JI JONES RS Ext Spec Resource Levlpmt 3BI RAMP MS Ext Spec in Reim and Parks

2B L MAHAFPEY Res Assoc Interpret 1) E C'RCUPKE Lect Park Plannir, i

67 A ANLERSON MS Inform and Educ Dept (713-845-

6J O BURNSIDE BS Fire Control Dept (PO Lufkin)
6A E LUND DF For Prods Dept (PO Lufkin)
6DON YOUNG MF Mgt Dept

10145-10180 TEXAS

Natural Biosciences, School of-Continued

- 12I W SCHMEDEMANN PhD Asst Prof Resource Econ and Aar Policy
- TISLOAN MS | Ext Spec Resource Devlpmt
- 3J C STRIBLING MS Ext Spec Resource Devlpmt 123F W JUGGITT DPA Prof Recr Planning and Resource Devimpt
 - 10 S VAN LOREN PhD Assoc Prof Region Recr Devlpmt

WILDLIFE SCIENCE

- 1231 G FEER PhD Prof and Head of Dept Ecol and Wild-Lie Mgt (713-845-675.)
- 12E D AELES PhD Asst Prof Ecol and Wildlife Mgt
- 12DAVI! ALDHICH Assoc Prof Ecol and Maricult
- 12KEITH ARNOLD PhD Asst Prof Omith and Ecol
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- **2**L H BLANKENSHIP PhD Res Sci Ecol and Wildlife Mgt (PO Nairobi, Kenya)
- 1D C CARTER PhD Assoc Prof Mammal and Verteb Syst 12D R CLARK PhD Asst Prof Ecol and Herpetol
- 12W J CLARK PhD Assoc Prof Limnol and Aquatic Eccl
- 1W B CAVIS PhD Prot Emer Mammal and Verteb Syst 12J H DIXON PhD Assoc Prof Herpetol, Verteb Syst
- Ecol
- 2C R FIELE PhE Res Sci (PO Nairobi, Kenya)
- 2NATHAN FORREST MS Res Assoc Wildlife Econ
- 3HOY! HOLCOMB &S Program Asst Maricult (PO Angleton)
- 2FCN HOCE HS Res Assoc (PC Carrize Springs)
 12J M INGLIS PhD Assoc Prof Ecol and Wildlife Mgt
- 12H DIRBY PhD Asst Prof Ecol and Wildlife Mgt
- 121 R KELLLY Jr PhD Asst Prot Fisheries Biol and Aquaculture
- 2W H KIEL Jr MS Res Assoc Ecol and Wildlife (PO Kingsv.He)
- **3W** G KLUSSMANN MS Wildlife Spec Fisheries and Augcult
- 3JACK PARKER MS Marine Adv Spec Maricult
- 3CHARLETC HAMSEY BS Wildlife Spec Ecol and Wildlife Mat
- 2HOLLII, HEIMER PhD Asst Pro: Estuarine and Taxon Crustacea (FC Bacliff)
- 3H R JCHMITTCU PhD Fisheries Spec
- 2W JOHNE FILLD Jr MS Res Assoc Ecol and Wildlife Mat
- 2HCNALL SKCOG PhD Res Sci Ecol and Wildlife Mgt 3D WICTEINBACH BS Fisheries Demon Asst Fisheries 12KIRK SIRAWN PhD Prof Fisheries Biol Physiol Ecol

Plant Sciences

- 123D & HOUBERG PhD Prof and Head of Dept (713-845-74. (1)
 - 3E J AMADOR PhD Area Plant Path (PO Weslaco)
- 5A A BELLEPHO Plant Path 12C B BENELICT PhD Prof Nucleic Acids
- 3R W BERRY PhD Area Plant Path (PO Lubbock)
- 2L S BIRD PhD Prof Plant Path
- 5R A LOLLER MS Plant Path
- 2H G DAVIS PnD Post Poctoral Fellow Plant Path
- 12G A LONG VAN Phis Asst Prot Molec Genet
- 12R A FREDERIKSEN PhD Asst Prof Plant Path
- 25C II GA IIIC Fhi | From Status Applite Genet Problems
 51 II GUIGH Fhi | Flant Path
- 125 3 HALLIWELL PhD Assoc Prof Virol
- 12G E HART PhD Asst Prof Cytogenet
 3C W HORNE PhD Ext Plant Path
 12H E JOHAM PhD Prof Plant Physiol

- 31 F JOHNSON MS Ext Plant Path
- 12W R JORDAN PhD Asst Prof Plant Physiol
- 5DL KETRING PhD Plant Physiol
- 12N M KIEFFER PhD Assoc Prof Cytogenet
- 2A E LAUCHLI Phi As. t Prot Plant Physiol
- 123 T LYDA PhD Assoc Prof Soil Microbiol
- 12 : W MAGILL PhD Asst Prof Fungal Genet
 3N L McCOY PhD Area Plant Puth (PO Denton)
 1N A McNIEL PhD Assoc Prof Genet
- 2C S MILLER PhD Assoc Prof Plant Physiol
- 12F W MORGAN PhD Prof Prant Enverol
- 12R E PETTIT PhD Asst Prof Soil-borne Dis

- Plant Sciences—Continued
 - 12R D POWELL PhD Assoc Prof Plant Physiol
 - 5H W SCHROEDER PhD Plant Path Rice Dis

 - 12j D SMITH PhD Prof Genet
 3L R SMITH PhD Area Plant Path (PO Overton)
 - 2RUTH A TABER MS Res Assoc Plant Path
 - 12W H THAMES Jr PhD Prof Plant Nematol
 - 12R W TOLER PhD Asst Prof Cereals Virol
 - 4N J TOLMSOFF PhD Plant Path Metab Plant Pathogens
 - 12EP VAN ARSDEL PhD Assoc Prof For Path
 - 25J P van BUIJTENEN PhD Assoc Prof For Genet
- 1G M WATKINS PhD Prof Plant Path
 25R A WOESSNER PhD Asst Prof For Genet

Poultry Science

10160

- 123J H QUISENBERRY PhD Prof and Head of Dept Poultry Brdg, Feeding, and Mat (713-845-1931)
- 12R L ATKINSON PhD Assoc Prof Turkey Feeding and Brda
- 12J W BRADLEY MS Asst Prof Farm Mgt
- 3W O CAWLEY MS Poultry Spec Poultry Prod 12J R COUCH PhD Prof Nutr
- 12C R CREGER PhD Asst Prof Nutr
- 2B H DORAN MS Asst Poultry Sci Prod and Mgt
- 12R C FANGUY PhD Assoc Prof Blood Antigens
- 12T M FERGUSON PhD Prof Physiol and Histopath
- 2J C FOWLER MS Res Assoc Mgt
- 12F A GARDNER PhD Assoc Prof Mktg Tech
- 2F A GOLAN PhD Supvr Natl Poultry and Turkey Impr Plans
- 12W F KRUEGER PhD Prof Incubat Brda and Pop Genet 2ANNA M LOGAN MS Res Assoc Mgt
- 23D i: MELLOR PhD Poultry Mktg Spec and Assoc Prof
- 3M M MILLER MS Poultry Mktq Spec
 12C B RYAN PhD Assoc Prof Poultry Environ
- 3FREL RICK THORNBERRY PhD Area Poultry Spec Foultry Prod (PO Overton)
- ${f 3}{f B} \subset {f WORMELLIMS}$ Poultry Husbandman Mqt
- 2L I. YOUNG Res Assoc Market Tech

Soil and Crop Sciences

- 123M E. BLOOD WORTH PhD Prof and Head of Dept (713-845-3041)
 - **3**G L ALCCON MS Area Agron (PO Overton)
- 12W B ANDERSON PhD Asst Prof Soil Fert and Nutr
- 15EC BASHAW PhD Genet Forage Grasses 12H T BLACKHURST PhD Prof Veg Brdg
- 2A J BOCKHOLT PhD Asst Prof Com Brdg
- 12H H BOWEN PhD Asst Prof Pomol
- 3JOHN BOX BS Assoc Agron Soil Mgt
- 2Mrs META S BROWN PhD Prof Cotton Cytogenet
- 1K W BROWN PhD Asst Prof Soil Physics
- 10 E BROWN MS Instr Ornam

 12E E BURNS PhD Assoc Prof Food Technol

 2C D CARSON MS Instr Soil Mineral
- 3C R CARTER PhD Soil and Water Conserv Soil Classif
- 16CARL CATER Phi Asst Fru: Protein Chem.
- 3J S CHAPIN PhF Area Agron (PO Stephenville)

 12L F. CLARK PhD Asst Prof Seed Technol
- 3J F. COLL MS Area Agron (PO Denton)
- 2J W COLLIER PhD Assoc Prof Fdn Seed
- 3S L GOTNER MS | Area Veg Spec (PO San Antonio)
 3R C DEWERS Ph. | County Ornam Hort (PO San Antonio)
 12A F DEWERTH MS | Prof Plant Propagation
- 1J & DIXON PhD Prof Clay Mineral
- 2C R DOUGLAS PhD Asst Prof Cotton Cytol
- 12R L DUBLE PhD Asst Prof Turf
- 2E F EASTIN PhD Asst Prof Weed Sci
- 3F C ELLIOTT MS Cotton Spec 3TF1 FISHER MS County Ornam Hort (FO Austin)
- 5P A FRYXELL PhD Res Genet Cotton Taxon
 2E C GILMORD PhD Assoc Prof Genet and Plant Brda
- 12C L GODFREY PhD Prof Soil Classif
- 3CARL GRAY PhD Soil Chem Soil Fert and Soil Test
- 3D S HALL MS Area Landsc Hort (PO Overton)
- 3B G HANFOCK MS Hort

- 3B G HADFOCK MS Front
 3B T HOT GET BS Aaron Small Grains
 2L C HEALT Fill Front Porage
 3B S Fill HBOON Fall Area Aaron (r C Westaco)

10180-10250 TEXAS

Soil and Crop Sciences - Continued	Veterinary Anatomy-Continued		
2L R HOSSNER PhD Assoc Prof Soil Chem.	13 V GUSTAF'SON DVM Instr		
3E E JANNE MS Landsc Hort	1W F HADNELY LVM PhD Assoc Prof		
5M L KINMAN PhD Agron Oilseed 5R J KOHEL PhD Genet Cotton	1A G KEMLER DVM MS Prof 1J E MARTIN DVM MS Asst Prof		
12G & KUNZII PhD — Prof Soil Minoral and Dean Grad Col	1) H MILLIF F DVM PHE Prof		
3J E LARSEN PhD Hort	IM E TATUM DVM MS Asst Prof		
3 K E LINDSEY MS Ext Area Agron (PO Ft Stockton)			
3T D LONGBRAKE BS Area Veg Spec (PO Weslaco)	Veterinary Medicine and Surgery 10220		
3DA LOVELACE PhD Area Aaron Forages (PO Vernon)	12M R CALLIHAM DVM BS Prof and Head of Dept		
3C F LYONS Jr PhD Hort Citrus (FC Weeltho)	(713-645-6025) 11 - # FALCWIN I VM MS Asst Prof		
16KAR! MATTIL PhD Profit on 1 Prod Bed IT F McAFEE PhD Prof Grain Greps	1W C BANKS DVM MS Prof		
3G C MetiACHERN B3 - Asst Hort	1H F BARRON DVM MS Prof		
2M F Mc. AMIEL Ph. Asst Frof Cereal Trops Brdg	1CL BOYD DVM Assoc Prof		
126J R.M.I.TON PhD Asst Prot Soil Chem	LCC BROWN DVM - Asst Prof		
2: G MENN MS Instr Turf Res	17 L BULLARD DVM Asst Prof		
2M G MERKLE PhD Prof Weed Sci	1.3 I BURNS LIVM Asst Frot 1D K CHESTER DVM Asst Prof		
50 G MERKLE PhD Res Agron Small Grains 3H B METZER PhD Asst Prof Area Agron (PO Lubbock)	11 L. JAMEDELL. Instr		
12M H MILFORD PhD Assoc Prof Coil Sei	1J F DENTON DVM. Assoc Prof		
2F F MILLER MS Res Assoc Grain Sorghum	1E W ELLETT DVM MS Prof		
12J F MILLS MS Assoc Prof Soil Conserv	1H B EINGLANC I VM Asst Prof		
12A E NIGHTINGALE PhD Asst Prof Ornam	TELL GARLEYM MC Asst Prof		
2G A NILES PhD Assoc Prof Plant Brdg	IC L. HALL DVM - Abut Prof IL V HALL FLKA I VM - Indtr		
6P SINIXIBS - Pasture ImpriForage 3A CINOVOSADIMS - Pasture Specification	THE A HIS LIGHT COMMON TIME TO THE A HIS LIGHT COMMON TIME TO		
3H I PALMER PhD Assoc Prot Agron Weed Control	1M. R HERRON DVM Asst Prof		
2D R PATERSON PhD Assoc Prof Mineral Nutr	1G M GOWING DVM MS Assoc Prof		
3H D PENNINGTON BS Asct Soil Inem. Soil Test	15 L. FILMIAM. Asst Prof.		
12B A PERRY PhD Prof Veg Brdg	1h: Ph:ObSON DVM Assoc Prof		
3F C PETR PhD Assoc Prot Auton Ved Crops (PC	14D H HOWARD DVM - Alert Prof		
Amarillo) 2 L M PIKE PhD - Abst Prof Fruits and Nuts	IJ H JOYCE LVM MS - ALGEBER IW J KILD ATRICK LVM MC - Algeber of		
3ARLIF, POWELL, PhD Fixt	1K & KNAUER UVM - Asht Prus		
31 N PRATT PhD Agron TVA-Pastures	1.8° 1 McMULLAN I VM MS - As at Prof		
18.0 FORTS PhD Prof and Assoc Demin of Agr Forace and	TELL MARGER TOVM - Asst Prof		
Turf	THE FLAY TER CVM Asst Frei		
3J D PRICE PhD Agr Chem	1J C RAMGE DVM PhD Prof 1W M HOMANE DVM MS Prof		
5T R RICHMOND PhD Agron Cotton 3RONALE BORENS PhI Ages Crear, Hort (PO Lub-	1W L SIPPEL DVM PhD Prof		
book)	IM ! YOUNG DVM Assoc Prof		
3J R ROGEROMO - Asst Area Alirch (c.) Chemistry			
(PG Luitbook)	Veterinary Microbiology 10230		
12L * HOONEY EnD Assoc Prof Dereal Chem	121 4 * ********************************		
1E H RUCKER MS Prof Hort Gr. in. 12J R RUNKLES PhD Prof Soil Phys	2J E GRIMES PhD Asst Prof Serol		
15K F SCHERTZ PhD Genet Sorghum Invest	TICEL GCLI MANI I VM Instr		
12C I GMITH PhD Asst Prof Feanut Brda	12C F HALL DVM MS Prof Poultry Path		
6Y C SMITH PhD Agr TVA Fert	2E NHUNK FELL TVM Asst Prot Virol		
3B R SPEARS MS Agron	126 THI ALGO EVM PhD Assor Prof Bact 17 MHUPPLIVM MS Assoc Prof		
300 SEFINCE MS - Area Auron (PC Sherman) 3NETL SELLERY MS - County Ornam Hort (PO Dallas)	1P F JUNGERMAN DVM MS Prof		
12H E STATEN Phl. Assoc Prot Legumes and Porage	TELF KLAHEY IVM Abst From		
12J B STOREY PhD Assoc Prof Pomol	1G W KLOOLL COVMIMS - Assoc Pref		
2A R SWORODA PhD Asst Prof Phys Chem of Soil	2K I KULUER DVM PhL Prof		
2N A TULEEN PhD Asst Prof Small Grains Cytol	2). In Lind IV Frab. Asket Frot Ruct		
3J H VALENTINE MS Area Soil Chem (PO Lubbock)	2011 ART MEN NURELL TVM MC - Astroc Prof Virol 26 A.M Brill VM MC - Prof		
2H J WALKER - Assoc Agron Edn Seed 12C H M van BAVEL Phi - Pro: Soil Phys	2G F. MOTT MS Res Assoc Biochem		
12W L VITOPIL BS Instr Flor Grnam	2H F BEL W. N. LEVM Pret		
12R W WEAVER PhD Asst Prof Soil Micropiol	THE FORM FOR EVM - Instr Bact		
3C D WELCH PhD - Assoc Fitch and Soil Chem Soil Test	2MASCHA, E. MALLACE DVM - Instr		
2E L WHITELEY PhD Assoc Prof New Crops and Soils	Veterinary Parasitology 10240		
Mgt 3J W WORTHINGTON - Area Hort Fruits and Pecins (PO	12: r BELLE UVM PhD Pro: and Head (713-845-2851)		
Stephenville)	12: Tri A. Brotte TVM M3 - April From		
5F D WILSON PhD Res Genet Plant Host Resistance	12T J GALVIN DVM PhD Assoc Prof		
Market Market Company	121 F. J. M. M.S. Abot Frof 11 F. Mark. Instr		
Veterinary Medicine, College of 10190 Research (Gen)	12J P SMITH DVM MS Asst Prof		
123A A PRICE DVM MS Dear, of College and Dir for Vet			
Res (Physiol) (713-845-5051)	Veterinary Pathology 10250		
1F D MAURER DVM PhD Assoc Dean Path	12C H BRIDGES DVM PhD Prof and Head of Dept (713-345-265.1)		
Veterinary Anatomy 10200	1G L ALAMS NVM PhD Abst Prof Vet Path Tropical		
1RAYMOND SiS DVM PhD Prof and Head of Dept (713-	The state of the s		
845-2828)	12% A PAY LUM FEL Action Prot Fath		
1G P BRATTON DVM MS Asst Prof	2 1 1 1 1 1 1 M Inch Wildin Tur		
1R G GREELEY DVM MS Assect Prof	12ft. No. 11 MARIA NAVAMEN Acust Prof Path		

10250-10295 **TEXAS**

Veterinary Pathology-Continued

12KEIPH CLARK BOIVM - Aust Prof Wildlife Dic 12m A : EUMIOIVM Fel - Acot Prof bicuncton 1B GIFLI MANIVM MS - Acot Frot Foth

12C A GEELSER LIVM MS MPH Prof Path.

1S E HUN!" Indite Frith

18 E HOM. I MATERATION
1K M KEIRH DVM MS - Assoc Prof Path.
2AL COLLING LILEFFING BS - For Alison Anial Care
1L J MYCHR - VM - Asiath of Time Fath
12K R F II BOT - PM Prof - For Clin Lath
18 K M A - VM F C - V - C C - VM F C - Middlife
12 M M M MACHEL LATH C - FOR F C - Middlife

12R WS. CHTDIVM:41 A. . or int Neuropub

Veterinary Physiology and Pharmacology 10260

IJD McCRADY DVM PhD Prot and Head of Dept Physiol (713-845-7261)

11 G AMERICAN AND AND FIGURE MY DATE TO THE BALLEY LVM FELL Asst From Toxicon and Pharmacol

1P W BURNS DVM Prof Emer Tox.col

12R J CAMP FEL Prof Toxicol
1LARRY CLABORN DVM Assoc Prof Physiol

10 F "LARK DVM PhD Assoc Prot Cardiol

1H H DAVIS DVM MS Prof Pharmacol and Physiol

2) A DOLLAHITE DVM MS Prof Toxicol
1. AN HIGHTOWER DVV MS Assoc Prof Nucl Med

1M H HINDS BS Indtr Brotted End

1 GEC MGF HUFFENEH FhI — Assoc Prof Biomed Eng 11. L McNUFRY DVM — Assoc Prof Physicl 11 WOLIVER DVM PhD — Asst Prof Reprod and Pharmacol

15H D HALLI EFF DVM MS Adjunct Prof Toxicol

2L I' ROWE DVM - Instr Toxicol 1MIKE SZABUNIEWICZ DVM - Assoc Prof Pharmacol and Toxicol

1D O WIERSIG I VM PhD Assoc Froi Phaimacol and Toxicol

Veterinary Physiology and Pharmacology - Continued

Veterinary Public Health 10270

12A LELCWERS DVM MS Prof and Head of Dept (713-645-52611

IC A CARSON DVM MS | Asst Prof Microbiol

1A B CHILDERS DVM Asst Prof Food Hyu 12T J GALVIN PhD Assoc Prof Parasitol

12C A GLEISER DVM MPH Prof Path
12F CHECK PhD Prof Virol
11- A LINERCDE DVM PhD Assoc Prof Nutr and Prev Med

11. H RUSSELL DVM PhD Prof Microbiol and Epidem

2N L SAVAGE PhD Asst Prof Bact

2% G SHELDON DVM Asst Prof Path

Water Resources Institute

12 J R RUNKLES PHD Dir and Prof Soil Phys and Water Resources (713-845-1851)

12R A CLARK PhD Assoc Prof Hydromet and Hydrol

12W J CLARK PhD Assoc Prof Limnol

12C J GERARD PhD Assoc Prof (PO Weslaco)

1 2E A HILER PhD Asst Prof Agr Engin
12R L IRVINE PhD Asst Prof Environ Engin
12W L MEIER PhD Prof Oper Res and Syst Anal

12C S SHIH PhD Asst Prof Indus Engin

12# L TROCK PhD Assoc Prof Resource Econ

12C H M van BAVEL PhD Prof Life Sci

2C W WENDT PhD Asst Prof Soil Phys (PO Lubbock)

20 C MILKE PhD Asct Prot Agr Econ (PC Lubbock)

10290

31. L BULLARL MS - A 1st State 4-H Club L Ir

3R E BURLESON MS Rpts and Eval Spec

3R EIDURLESON Monoppe and Consumption
3CRANK INDA SA Action and Off
3M BIOLARK INDS Area Prog Spec (TO Prairie View)
3CRANK INDIA DENI Prog Spec

30. H. M. M. M. M. M. Prou Spec. 3H T DAVISON ME t Asst State 4-H Club Ldr

3K L LEDMARK MO A set Shrip 4H Dlub Libr 3G L Te Will LiME do Duid and The Folic 3. We AFD MO About Lope Te house

38 " FOWLER MET. Are i Persurce Feelpmt Spec.

Miscellaneous-Continued

3M E GARRETT MS Prog Spec Limited Income

3G L CHAHAM BS - Marine Adv Prod Assi 3MGA 147 HARRISCN MS - Acti State 4-H Club Ldr (ducY-411.

10 F HE WITTERA - Miscal and Mat Affairs Off 30 G H. LOOME BS - Marine Adv Fro. Asst

3J L JONES BS Res Devlpmt Spec

31616 r KALI TH BS - Asst State 4-H Club Edr 3W G KLUJJSMANN MA - Wildlife Specian : Sea Grant

, ribhr 13E dir - Hos Fall - Herlifam Fallept und Ekk Stud 3C L LANGHARDER HUR Evelpmt Spec 3CL LANGHARDER HUR County Officials Prog Spec 3CL LANGHARDER HUR Evelpmt Spec 3CL LANGHARDER HUR Sevlpmt Spec 3Blid Lobelle Asstriscal Off

3G F MARE HUR MEd Asst State 4-H Club Ldr

3G R MARSHALL MS - Mat Inform Spec 31 - FARKER MS - Manne Adv Prog spec

3MABLE R PEARCE Supvi for Steno Cleric Staff

3J D PRICE PhD Ldr Agr Chem

3B B RICHARDSON MS Prog Spec

3J & ROSE Property Mat Off 3E F SCHLUTT PhD Assoc State 4-H Club Ldr

3D H SEASTRUNK MS Fami and Home Devlpmt Spec

3W A SMITH BS For Spec

3H M TRIBBLE MS Prog Spec

Research Centers

10295

Beaumont (Texas A&M Univ Agr Res and Ext Center) 2J P CRAIGMILES PhD Prot and Resident Dir (713-752-2741)

5J G ATKINS PhD Plant Path Rice Dis

5C N BOLLICH PhD Agron Rice Brdg

2C C BOWLING MS Asst Prof Ins Control

5D L CALDERWOOD MS Agr Engin Rice Drying

5R R COGBURN Fes Ent Storage Ins 2N S EVATT MS Assoc Prof Soils and Fert

2W T FLINCHUM PhD Asst Prof Weed Control 5WILLIAM McGAUGHEY PhD Ent Storage Ins

2FW PEAVES BS Staff Asst Internatl Time

2J E SCOTT MS Res Assoc Rice Brdg

2J W STANSEL PhD Asst Prof Rice Genet

5B D WEBB PhD Chem Rice Quality 2D G WESTFALL PhD Asst Prof Soil Chem

Bushland (USDA Southwestern Great Plains Res Center) 2K & HORTER PhE Prof in Charg Small Grain (806-376-5151)

5R A CLEMART PhD Dir and Res Soil Co. Chem and F'ert

5R R ALLEN BS - Asst to Dir and Res Aur Engin Tillagelina

5V S ARCNOVICI MS Res Soil Sci Water Conserv

2N E DANIELS MS Assoc Prof Ent 5W C JOHNSON Phl. Res Soil Sci Moisture Conserv

50 F JUNES MS | Coll Sci Water Conserv 2H M JONES MS | Res Assoc Soil Fert

50 ELLEHMAN BG Gorl Scr Water Conserv 5A C MA THIRC PhU Res Soil Sci Chem and Fert

51 T MUSICK MS Res Agr Engin Irria

2CECIL REGIER BS Res Assoc (PO Etter) **5**A D SCHNEILER MS - Agr Engin Water Conserv

20 L SHIPLEY PhD Asst Prof Econ

5P W UNGER PhL Rec Soil Sci Phy. or I Mat

2A F WIESE PhD Prof Weed Control

Lubbock (Texas A&M Univ Agr Res and Ext Center)
26 G MSBEE - Assoc Prof and Resident Dirof Res Plant

Florato. (800-PC 3-945.)

2C E FISHER MS Prof in Chg Brush Control

5J D BILBRO Jr PhD Res Agron Cotton 2D G ECTTRELL PhD Asst Prof Crop Ins

5A D BRASHEARS MS Agr Engin Cotton Mech

2R L BRIGHAM PhL Assoc Frof Soybeans

2J H BROCK MS Res Assoc Brush 2J H CATE It MS Res Assoc Grop Ins

2J R GIPSON PhD Asst Prof Physiol

5E B HULGPETH MS | Agr Engin Cotton Mech 2J W JOHNSON PhD Asst Prof Grain Sorghum 10295-10300 **TEXAS**

Research Centers-Continued

2D L JONES MS Agron (Emer) Cotton

5I W KIRK PhD Agr Engin Cotton Mech 2W N LIPE PhD Assoc Prof Veg and Fruit

2C H MEALORS BS Res Assoc Brush (PO Spur)

5E B MINTON PhD Path

50 H NEWTON BS Met

2A B ONKEN PhD Asst Prof Soil Fert

5C C ORR PhD Nematol 21. L RAY PhD Assoc Prof and Asst Dir of Res Cotton Brdg

4BRUCE ROARK Physiol Cotton
2E D RORISON MS Res Assoc Brush (PO Spur)

2D T ROSENOW MS Asst Agron Grain Sorghum

5R E STAFFORD PhD Res Genet Castor Invest

2D T SMITH PhD Asst Prof Weed Physiol

2H D SUNDERMAN MS Res Assoc Soil and Fert

2C W WENDT PhD Asst Prof Soil and Water

2H T WIEDEMANN MS Asst Prof Brush 20TTO WILKE Asst Prof Soil and Water

McGregor (Texas A&M Univ Res Center)

2H O HILL BS CE Supt Soil and Water: Structures (817-475-2878)

2M C CALHOUN PhD Asst Prof Sheep and Angora Goats Nutr

2L B FENN PhD Asst Prof Soil Chen:

2J R GALLAGHER PhD Res Assoc Wool

2J E HUSTON MS Res Assoc Sheep and Goat Nutr

2C W LIVINGSTON PhD Assoc Prof Sheep Dis (PO San Angelo)

2R F LYNCH BS Asst Agron and Cotton Field Supvr

2M J NORRIS MS Assoc Prof Grass, Forages, and Grain

2J M SHELTON PhD Prof Anim Genet Sheep and Angora Goats

2R C THOMAS PhD Asst Prof Beef Cattle Genet

Overton (Texas A&M Univ Agr Res and Ext Center)

2BILL OTT PhD Prof and Resident Dir of Res Soil Chem (214-834-6191)

23S E CARPENTER BS Assoc Dairy Husb and Area Dairy Spec

2J A LANCASTER MS Assoc Agron Forage Crops

2J E MATOCHA PhD Asst Prof Soil Chem 2M M McCARTOR PhD Asst Prof Anim Sci

Temple (Blackland Conserv Res Center)

5EARL BURNETT PhD D₁r S₀₁1 Mqt (817-773-2112)

5J E ADAMS PhD Res Soil Sci Phys

5J D BARTEK BS Soil Sci

\$L D DOLAN BBA Admin Asst 2D E KISSEL PhD Asst Frof Soil Chem

5W G KNISEL Jr MS Res Hydraul Engin (PO Riesel)

5C W RICHARDSON MS Agr Engin Erosier, Control (PO Riesell

5J T RITCHIE PhD Res Soil Sci 5J R WILLIAMS MS Res Hydrail Engin (PO Riesel)

Weslaco (Texas A&M Univ Agr Res and Ext Center)

2W R COWLEY MS Prof and Resident Dirof Res (512-WO8-2145)

SW A ALLEN MS Res Phys

5R F ALBACH PhD Res Chem

2R E ARMSTRONG MS Assoc Prof Agr Engin

5J F BARTHOLIC PhD Res Soil Sci

5H E BROWN PhD Res Chem

2C C CONNOLLY PhD Assoc Prof Mkt Res 2R T CORREA MS Asst Prof Her: 5R R CRUSE MS Res Chem 2H A DEAN MS Assoc Prof Ent

5H W GAUSMAN PhD Res Plant Physiol 2C J GERARD PhD Assoc Prof Soil Phys

5F P GRIFFITHS PhD Res Food Tech in Cha

6D J HADDOCK BS Adv Agr Met (Weather Bur)

2T A HALES PhD Asst Prof Microclimatel

2J A HARDING PhD Assoc Prof Ent

5W G HART MS Res Ent

5C M HEALD PhD Res Plant Nematal

M D HEILMAN MS Res Soil Sci

2B W HIPP PhD Assoc Prot Soil Chem.

23R R HOVERSON PhD Asst Prof Area Auron

2J L HUBBARD MS Asst Prof Agran

Research Centers-Continued

2B L JONES PhD Asst Prof Path

5A M KCDAGE Admin Aide

57 W. LANGDALE PhD Res Soil Sci

5R W LEAMER PhD Res Soil Sci Soil Phys

2F & LETEPER MS Assoc Prof Hort

5B J LIME BS Res Chem

2N P MAXWELL MS Assoc Prof Hort Citrus

5R E McDONALD PhD Res Hort

5R M MENGES PhD Res Hort

5F I MEREDITH BS Chem

5L N NAMKEN MS Res Soil Sci

5ASCENSION PEYNADO BS Res Chem

5R J REKTORIK MS Agr Engin

5B A SMITH MS Res Chem

5E R STEIN MS Res Chem

5T S STEPHENS MS Res Food Technol
5C E THOMAS PhD Res Plant Path
5J R THOMAS PhD Res Soil Sci
5C L WIEGAND PhD Res Soil Sci

5H K WUTSCHER PhD Res Hort

Field Stations

10300

Angleton (Texas A&M Univ Agr Res Sta)

2M E RIEWE MS Assoc Profin Cha Forage Utiliz (713-849-5708)

2HAGEN LIPPKE PhD Assoc Prof Animal Nutr

Beeville (Texas A&M Univ Agr Res Sta)

2E M NEAL BS Supt Beef Cattle (512-F'L8-1882)

2B E CONRAD MS Asst Agron and Anim Husb

2LUCAS REYES Res Assoc Field Crops

Center (Texas A&M Univ Poultry Dis Lab)

2R L CLIFFORD Jr DVM Assoc Poultry Path (713-LY8-4451)

Chillicothe (Texas A&M Univ Agr Res Sta)

2 J H MULKEY Jr PhD Asst Prof in Chg Soils (817-852-5466)

2K A LAHR BS Res Assoc Small Grains

5C R LEWIS Agr Res Oilseeds

Crystal City (Texas A&M Univ Rio Grande Plains Res Demon Sta)

2J D CARPENTER Farm Foreman III (512-DR4-3619)

Denton (Texas A&M Univ Agr Res Sta)

2J H GARDENHIRE MS Asst Prof in Chg Small Grains (817-382-6508)

2P A RICH MS Res Assoc Soils

23C O SPENCE MS Asst Agron (Sherman)

El Paso (Texas A&M Univ Agr Res Sta)

2P J LYERLY PhD Supt and Res Coord of Trans-Pecos Area Cotton Impr (915-859-8529)

2D E LONGENECKER PhD Assoc Prof Soils and Irrig

2T L PATE PhD Asst Prof Ent

2R M TAYLOR PhD Asst Prof Crop Physiol 5E F YOUNG Jr PhD Agron Cotton Impr

Gonzales (Texas A&M Univ Poultry Dis Lab)

2S E GLASS DVM Assoc Poultry Path (512-437-2212)

Iowa Park (Texas A&M Univ Agr Res Sta)

2VIWOODFIN BS Res Assoc (817-592-4071)

Lubbock (Texas A&M Univ Tex Tech Univ Coop Res Unit) 27EUGENE COLEMAN PhD Assoc Prof Cotton Physiol (806-742-7291)

27CLARK HARVEY PhD Prof Crop Invest

27C C JAYNES MS Assoc Prof Pasture and Forage Crops

27JAMES OSBORN PhD Asst Prof Prod Gen and Resource Econ

Lufkin (Texas A&M Univ East Tex Pasture Sta)

2E K CROUCH BS Assoc Anim Husbin Chg (713-632-1633)

Montaque (Texas A&M Univ Fruit Res-Demon Sta)

2U A HANDOLPH MS Assoc Hort in Chg Decid Fruits (817-894-3896)

2B D REEDER MS Res Assoc Decid Fruits

Munday (Texas A&M Univ Vea Res Sta)

2M C FUQUA PhD Asst Prof in Chg (806-P03-9451)

Pecos (Texas A&M Univ Agr Res Sta) 2J I HEENER PhD Asst Prof in Cha Plant Path (915-

445--13) 2JARCY MUCRE PhD Res Assoc Plant Phys

Field Stations-Continued

Prairie View (Texas A&M Univ-Prairie View Expt Sta)

26J I KIRKWOOD PhD Prof and Off in Chg Soil Microbiol (713-857-3311)

26A S MANGAROO PhD Prof Soil Chem

260 E SMITH MS Assoc Prof Small Grains

5LINDSEY WEATHERSPOON MS Assoc Prof Swine

26J C WILLIAMS MS Prof Beef Cattle

26J J WOODSMS Assoc Prof Poultry Mgt

Sonora (Texas A&M Univ Agr Res Sta)

2L B MERRILL PhD Assoc Prof in Chg Range Sci (512-387-3168)

2J W MENZIES MS Res Assoc Anim Sci

2P O REARDON MS Res Assoc Range Sci 2J R STEWART MS Res Assoc Range and Anim Sci Spur (Texas A&M Univ Agr Res Sta)

2P T MARION MS Supt Beef Cattle (915-272-4451) •
2G W MATHIS MS Res Assoc Range Mgt

2F O THETFORD MS Res Assoc Range Sci

Stephenville (Texas A&M Univ-Tarleton Expt Sta)

2J S NEWMAN MS Assoc Prof in Chg (817-965-3314) 2T E DENMAN BS Assoc Hort Decid Fruits 2C E SIMPSON PhD Asst Prof Peanut Brdg

26J L TACKETT PhD Prof Soil Phys

Weslaco (Texas A&M Univ-Texas A&I Univ Coop Res Unit)

6RA HENSZ PhD Dir and Prof Hort (512-WO8-2133)

26J E FUCIK PhD Asst Prof Hort

6R F LEYDEN PhD Assoc Prof Soils

26R B REINKING MS Asst Prof Ent

6L W TIMMER PhD Asst Prof Plant Path

Yoakum (Texas A&M Univ Plant Dis Res Sta)

2A L HARRISON PhD Plant Path (512-293-3461)
2T E BOSWELL PhD Asst Prof Plant Path and Nematol

USDA Cooperating Stations

10310

Big Spring USDA Big Spring Field Sta

5D W FRYREAR Res Agr Engin and Supt (915-263-2041)

5R G HADLEY Agr Res Tech

≰P T KOSHI PhD Res Soil Sci

Brownsville (Ent Res Center)

5M J LUKEFAHR PhD Invest Ldr Ent Plant Resist (512-LI2-2516)

5H T DULMAGE PhD Microbiol

5H M GRAHAM PhD Ent 5A A GUERRA PhD Ent

5D E HENDRICKS MS Ent

5R L McGARR BS Ent

5J R RAULSTON MS Ent 5C A RICHMOND BS Ent

5T N SHAVER PhD Biochem

5D A WOLFENBARGER PhD Ent

Brownsville (Plant Pest Control Div USDA-ARS)

5C L MANGUM MS Ent (512-LI2-2516)

Brownsville (Pesticides Regulation Div, USDA-ARS)

5D W WOODHAM BS Chem in Chg (512-542-2516)

Brownwood (Pecan Field Sta)

5G D MADDEN MS Res Hort (915-646-9402) College Station USDA Cotton Lab

5F S EDDINS BS Supvr Cotton Tech Off in Chg (713-846-8821)

5W J DORSEY BS Cotton Tech 5F W SCHULTZ BS Cotton Tech 5W J DORSEY BS

Kenville - Toxicol Res Lab

5JS PALMERDVM Res Vet in Chg Toxicol (512-CL7-3566)

5L M HUNT BS Chem 5J C SCHLINKE DVM. Res Vet Toxicol

5F C WRIGHT MA Res Chem

Kerrville - Ent Bes Div

5R O DRUMMOND PhD Ent and Invest Ldr (512-CL7-3566)

∌RRBLUMEMS Ent

SW F CHAMBERLAIN PhD Ent Ins Physiol

5H V CLABORN BS Chem in Chg Anal Invest

5D I DARROW MS Ent

SJ L ESCHLE PhD Ent

5R E GINGRICH PhD Ent Ins Path 5W J GLADNEY PhD Ent 5O H GRAHAM PhD Ent

USDA Cooperating Stations—Continued

5R L HARRIS PhD Ent

5M C IVEY BS Chem

5S E KUNZ PhD Ent

5D H MANN BS Chem

5D D OEHLER BS Chem

5C D SCHMIDT MS Ent

Mission-Mission Sublab for Screwworm Res

5W S BIGLEY MS Ent (512-JU5-2783)

5M M CRYSTAL PhD Fint

SJOYCE A DeVANEY MS Ent

5G W EDDY MS Ent

5B G HIGH TOWER PhD Ent

Riesel-Blacklands Expt Watershed

25R W BAIRD MS Supt and Hydraul Engin (817-896-2161)

5W G KNISEL Jr MS Hydraul Engin

5C W RICHARDSON MS Agr Engin

5J R WILLIAMS MS Hydraul Engin

Wa∞-Cotton Ins Res Br

5C B COWAN Jr BS Invest Ldr Cotton Ins Res (817-PL6-6511)

5J W DAVIS BBA Agr Res Tech Plant Pests

Plant Protection Div (USDA-ARS)

5W H HARE Plant Protec Div Supvr in Chg (PO San Antonio) (Tel AC 512-225-5511)

5J G ROSIER Asst Plant Protect Div Supvr (PO San Antonio)

5J F ELLARD Dist Supvr (PO Houston)

5J C HATCHETT Actg Dist Supvr (PO Harlingen)
5W F HELMS Dist Supvr (PO Lubbock)

5J M LANDRUM Dist Supvr (PO Waco)

Prairie View Agricultural and Mechanical College, Prairie View Texas 77445 (Main tel 713-857-3311)

College Staff 2Station Staff 3Extension Staff 5Coop USDA

10315

10320

A I THOMAS PhD Pres

Agriculture

125J C WILLIAMS MS Assoc Dean Sch of Agr (713-857-

3311 Ext 225) 1L W ENGRAM MS Dairy Sci (713-857-3311 Ext 292)

1E J JOHNSON MS Agr Engin (713-857-3311 Ext 293)

12J I KIRKWOOD PhD Soil Sci (713-857-3311 Ext 225)

12A S MANGAROO PhD Soil Sci (713-857-3311 Ext 295) 1A N POINDEXTER DVM Vet Sci (713-857-3311 Ext 2981

1J R POWELL MS Res Tchr Trnr (713-857-3311 Ext 291)

120 E SMITH MS Agron (713-857-3311 Ext 294)

15LINDSEY WEATHERSPOON MS Anim Sci (713-857-3311 Ext 287)

12J J WOODS MS Poul Sci (713-857-3311 Ext 332)

Experiment Station

12J I KIRKWOOD PhD Prof and Off in Chg 12A S MANGAROO PhD Prof Soil Sci

120 E SMITH MS Assoc Prof Agron 12LINDSEY WEATHERSPOON MS Asst Prof Anim Sci

12J C WILLIAMS MS Prof Anim Sci 12J J WOODS MS Assoc Prof Poul Sci

Extension Service 3W B CLARK BS Area Prog Spec 10325

10330

10322

Home Economics

1FLOSSIE M BYRD PhD Dean of Sch of Home Econ

Miscellaneous 10 J BAKER MLS Libr 10340

The School of Forestry of Stephen F Austin State University, Nacogdoches 75961 (713-569-2011)

1College Staff

9A-TR, M-S Program

10350-10420 TEXAS-UTAH

1R W STEEN PhD Pres of Univ (713-569-2201)

19L C WALKER PLD Dean Sch For Prof Silv (713-569-33(4)

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25A G OGG PhD Collab in Hort and Collab in Agron

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25M W WILLIAMS PhD Collab in Hort (PO Wenatchee)

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12J C GARVER PhD Prof Biochem Engin 12A E HARPER PhD Prof Nutr

12W G HOEKSTRA PhD Prof Nutr

12R B INMAN PhD Assoc Prof Molec Biophys

12M J JOHNSON PhD Prof Microbial Biochem

12P J KAESBERG PhD Prof Molec Biophys

12H A LARDY PhD Prof Intermed Metab

12K P LINK PhD Prof Anticoagulants

12W H ORME-JOHNSON PhD Asst Prof Phys Biochem

12S T RAO PhD Asst Prof X-Ray Crystallog

12W S REZNIKOFF PhD Asst Prof Biochem Genet

12RH ROWND PhD Assoc Prof Genet of Microorgs 12R R RUECKERT PhD Assoc Prof Virol

12H K SCHNOES PhD Assoc Prof Nat Prod

12M A STAHMANN PhD Prof Plant Biochem

12F M STRONG PhD DSc Prof Nat Prod

12MUTTAIYA SUNDARALINGAM PhD Prof X-Ray Crystalloa

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12R D WELLS PhD Assoc Prof Nucleic Acids

Dairy Science

11610

123R P NIEDERMEIER PhD Prof and Chmn of Dept Nutr (608-262-2407)

2A L BRIESKE MS Spec Brdg
23A N BRINGE PhD Assoc Prof Physiol and Ext Spec

23J W CROWLEY PhD Prof and Ext Spec 13D P DICKSON PhD Asst Prof and Ext Spec

2P R FRITSCHEL BS Spec

2A R HARDIE BS Spec
1E E HEIZER PhD Prof
23W T HOWARD PhD Asst Prof and Ext Spec

12E L JENSEN PnD Asst Prof Brdg

12N A JORGENSEN PhD Assoc Prot Nutr

2R D LAN TE MS Spec Nutr

123H J LARGEN PhD Assoc Prof Nutr

3C C OLSON MS Asst Prof and Ext Spec

12R E ROFFLER PhD Asst Prof Nutr

2V E BACHBE BS Spec Brdg

12L D SATTER PhD Assoc Prof Nutr 12L H SCHULTZ PhD Prof Physiol

23A G SENDELBACH PhD Assoc Prof and Ext Spec

12G E SHOOK PhD Asst Prof Brdg

3E E STARKEY Pho Prof and Ext Spec

12W J TYLER PhD Prof Brdg (also Genet)

12D A WIECKERT PhD Prof Brdg

13H G WILSON BS Spec 123C E ZEHNER BS Asst Prof Brdg and Nutr

12W F MUELLER PhD Prof and Chmn of Dept (608-262-

13A R ASSOC Prof Farm Law
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12D W BROMLEY PhD Asst Prof Resource Econ

12R C BUSE PhD Prof Gen Agr Econ

5R A CHRISTIANSEN PhD Collab Agr Econ

Economics (Agr)-Continued

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IR L CLODIUS PhD Prof Agr Econ and Vice Pres

123H L COOK PhD Prof Dairy Mktg

1R H DAY PhD Prof Prod Econ

123W A LOBSON PhD Asst Prof Agr Mktg
12P P DORNER PhD Prof Internati Econ Devipmt

123T F GRAF PhD Prof Dairy Mktg

123F W GROVES PhD Prof Dairy Mktg

5J A GUNNELSON PhD Collab Agr Econ

123D A HARKIN PnD Assoc Prof Resource Econ

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12P G HELMBERGER PhD Prof Agr Mktg

123A C JOHNSON Jr PhD Assoc Prof Agr Mktq

12DON KANEL PhD Prof Internat Econ Devlpmt
13A L LARSON PhD Prof and Dir Coop Trng Ctr
12C W LOOMER PhD Prof Resource Econ

123W B LORD PhD Prof Resource Econ

12M P MIRACLE PhD Assoc Prof Gen Agr Econ 12K H PARSONS PhD Prof Internat Econ Devlpmt

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123J R SCHMIDT PhD Prof Prod Econ

23J A SCHOENEMANN PhD Prof Veg Mktq 123S C SMITH PhD Prof and Assoc Dean Sch of Natural

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12J D STRASMA PhD Assoc Prof Internatl Econ Devipmt

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23R N WEIGLE PhD Prof Farm Mgt
3H S WHITNEY PhD Prof Coop Trng Ctr

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13J A DUNCAN PhD Prof

3R E GARD MS Prof

1B W KREITLOW PhD Prof

1G W SLEDGE EdD Prof

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Engineering (Agr)

11640

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4C L BARTH MS Spec Structures
3O I BERGE MS Prof Power and Mach

3 [J BREVIK MS Prof Structures

3L A BROOKS MS Assoc Prof Elec Power and Proc 12H D BRUHN MS Prof Power and Mach

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3D V JENSEN MS Spec Farm Safety

3L R MASSIE MS Instr Soil and Water Conserv

12D J STITH M Arch Assoc Prof Structures 12S A WITZEL MS Prof Structures

Entomology

12GR DEFOLIART PhD Prof Ent and Chmn of Dept (608-262-3227)

11650-11730 WISCONSIN

Entomology-Continued

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12S D BECK PhD Prof Physiol

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13E H FISHER PhD Prof Ext

13W L GOJMERAC PhD Assoc Prof Ext

12W L HILSENmOFF PhD Assoc Prof Aquatic Ent

11 5 FACKSON MS Instr 13: F K. VAL PhD Assoc Prof Ext

134J L LIBBY PhD Assoc Prof Ext

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12M S BEHGDOLL PhD Prof Biochem

12F S CHU PhD Asst Prof Brochem

12D O CLIVER PhD Assoc Prof Viro!

12G M DACK MD PhD Prof Food-Borne Dis (PT)

12R H DEIBEL PhD Prof Food Microbiol
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11680 Genetics

1JF CROWPhD Prof Genet and Chmn of Depts Genet and Med Genet Pop Genet Status (608-262-3112)

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IMILLARD SUSMAN PhD Assoc Prof Genet Genet of Microorganisms

25W J TYLER PhD Prof Genet Anim Brdg

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23L K BINNING PhD Asst Prof Hort Pesticide

12F A BLISS PhD Asst Prof Hort Crops Brdg

230 B COMBO MS Prof Veg Crops

11730-11760 WISCONSIN

Horticulture-Continued

23DAVID CURWEN PhD Assoc Prof Veg Crops (PO Handeck)

12M N DANA PhD Prof Hort Pomol

23F A GILBERT PhD Prof Hort Pomol (PO Sturgeon Bay)

12T C HALL PhD Assoc Prof Hort Plant Physiol

123Ē

23E THALTYTTK PhD Assoc Prof Hort Veg Crops 13E = (1438FLK / S PhC Assoc Prof Hort Woody Ornam (Aiso Dandse Arch)

12L G HOLM PhD Prof Hort Physiol
12H 7 HCM AA PhI Froi Hort and Assoc Dean of Coloci Agrand Assoc Dir of Sta (Also Genet)

233 MIC TO FROM ME Prof. Host Pemol. 23R C NEWWYN PhD Asst Prof of Hort

25W B OGDEN MS Assoc Prof Hort and Collab

128 J P. L. C.C. M. Call Frot Hort Vea Grops Brdg (Also Genet)

25C E PETERSON PhD Prof Hort and Collab

12L A PRITERSON PhD Assoc Prof Hort (Alse Soils)

25P R ROWE PhD Assoc Prof Veg Crops Brdg and Collab

23) A SCHOEMEMANN Phi Prof Hort Veg Crops (Also Agr Elden)

12B E STHUCKMEYER PhD Prof Hort Morphol 12C W TIPHITTO PhD Assoc Prof Hort Veg Crops 2GAVIN G WEIS MS Asst Prof Hort (PO Hamcock)

Journalism (Agr)

11740

13L R BOSTIAN Pad Prof and Chmn of Dept and Ext Fic) Ldr (608-262-1464)

13F A ALBERT RS Prof Motion Pictures 14M R BROWN PhD Assoc Prof

13CLARON BURNETT PhD Prof Vis Aids
1H H FELSTEPHAUSEN PhD Assoc Prof Res

13] HFT TT PhD Lect

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123J F ROSS PhD Prof 3N FMA L SIMPSON MS Spl Radio

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Meat and Animal Science

11750

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13R J ANTONIEWICZ MS Spec Horses
12N J BENEVENGA PhD Ass∞c Prof Nutr Biochem

12R W BRAY PhD Prof Meat Sci and Assoc Dean Col of Agr

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 ${\bf 12} {\tt V} \; {\tt H} \; {\tt BRUNGARDT} \; {\tt PhD} \quad {\tt Assoc} \; {\tt Prof} \; {\tt Meat} \; {\tt Sci} \; \; {\tt Anim} \; {\tt Nutr}$ Beef Cattle

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3L L FELTS PhD Assoc Prof Anim Brdg

12N L FIRST PhD Prof Physiol of Reprod and Brdg Swine

3F J GIESLER MS Prof Swine Spec

123R H GPUMMER PhD Prof Anim Nutr Swine

12B H GUNDERSON Spec Swine

123E R HAUSER PhD Prof Physiol of Reprod and Brdg Beef Cuttle

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123R G KAUFFMAN PhD Prof Meat Sci

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12D T LESTER PhD Assoc Prof For Tree Impr 123W B LORD PhD Prof For Econ

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230 J RONGSTAD PhD Asst Prof and Ext Wildlife Spec

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Nutritional Sciences 11765

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Plant Pathology

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11770

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12M P BACKUS PhD Prof Fungal Mycol
12J G BERBEE PhD Prof For Dis

12D M BOONE PhD Prof Fungal Genet

123H M DARLING PhD Prof Dis Control Nematodal

12G A de ZOETEN PhD Assoc Prof Virol

Plant Pathology-Continued

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12R W FULTON PhD Prof Virol

12D J HAGEDORN PhD Prof Dis Resistance Fungal Virol

124E W HANSON PhD Prof Dis Resistance Fungal

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12G S POUND PhD Prof Host Resistance Virol

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11780

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12B C WENTWORTH PhD Assoc Prof Poultry Physiol

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12DL FEATHERMAN PhD Asst Prof

123W L FLINN PhD Asst Prof

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Soil Science-Continued

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25P A RAATS PhD Asst Prof Phys Flow Mech

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Experimental Farms

11840

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2 J W DEPPE BS Asst Prof (PO Lake Mills)

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2R L LACROIX BS Spec (PO Spooner) 2W J PAULSON MS Spec (PO Lancaster)

2D E PESCHEL Spec (PO Lancaster)
2RE RAND MS Spec (PO Hancock)

2CORYDBERG BA Asst Prof (PO Spooner)
2D A SCHLOUGH BS Spec (PO Ashland)

23GH TENPAS MS Assoc Prof (PO Ashland)

23G G WEIS MS Asst Prof (PO Hancock)

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11850

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3G F. COSTFIL BS Supply Instr 12T L. COBS Ph.D. Acst Prof 12R L. EHRICH Ph.D. Assoc Prof

23V W HOUSE MS Asst Prof Ext Agr Resource Spec 12W G KEARL PhD Assoc Prof 12C F, OLSON PhD Assoc Prof

12J S ST CLAIR PhD Prof

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12D M STEVENS PhD Prof

Agricultural Engineering, Division of

11865

12C E BECKER PhD Prof

3D I BROSZ MS - Asst Prof Ext Irrig Engin

123k D BURMAN PaD - Assoc Prof Imig Acta Head

12 K J FOFNSTROM PhD - Asst Prof Agr Engin

12% E HELISTHOM PhD - Asst Prof Agr Engin

3M A MoNAMER MS Instr Ext Air Engin 12L C.P. CHOP Pul? Asst From

Animal Science, Division of

11870

123 P O STRATTON PhD Prof and Head of Div

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12T G DUNN PhD Assoc Prof 3K B ELLIS MA Asst Prof Ext Poultryman

3E K FAULKNER MS Asst Prof and Ext Livestock Spec Sheep and Swine

12R A FIELD PhD Prof Meats
12D C HUTTO PhD Assoc Prof Poultry

12C C KALTENBACH PhD Asst Prof Anim Phys

12C J KERCHER PhD Prof Nutr

12Mrs JOEY L KINNISON MS Instr Woo.

12J E KUNSMAN Jr PhD Asst Prof Dairy Mfg

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123 J E PEXTON BS Instr Wool

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12WAYNE MELANDER PhD Asst Prof

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11890-11955 WYOMING

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RANGE MANAGEMENT

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5D L STURGES MS Res For (FS)

5R D TABLER PhD Res For FS Proj Ldr 5JF THILENIUS PhD Range Sci Proj Ldr (FS) 5A L WARD BS Res Wildlife Biol FS Proj Ldr

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Riverton Soils Lab

11950

2L J LIGOCKI BS Soils Tech

Torrington Soils Lab

11955

2D E. McKAY MS Soils Tech

INDEX OF NAMES

To locate an individual: 1. In Index, find name, code numerals, and State where employed. 2. Find State listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

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AAMOT MARY ELLEN Mrs 9620 S Dak AANDAHLAB 6410 Nebr AANDERUD W G 9570 S Dak AANES W A 1540 Colo AARON T D 2450 Ga AASE J K 6390 Mont AASHEIM T S 6190 Mont AASHEIM T S 6260 Mont ABBOTT D C 8280 Okla ABBOTT H G 5090 Mass ABBOTT H T 11310 Wash ABBOTT J L 370 Ariz ABBOTT MARY 8550 Oreg ABBOTT O J 11400 W Va ABBOTT URSULA H Mrs 918 Calif ABDELBAKI Y Z 1540 Colo ABE R K 2883 Ga ABEL G H 320 Ariz ABEL G H 900 Calif ABEL J H Jr 154C Colo ABEL M E 5520 Minn ABELL R A 5580 Minn ABERLE A J 3430 Ind ABERNATHIE J W 11030 Va ABERNATHY G H 7150 N Mex ABERNATHY MIRIAM M Mrs 9494 ABERNATHY R P 10962 Va ABLE B V 3860 Kan
ABLES E D 10145 Tex
ABMEYER E 4000 Kans ABNEY K L 3450 Ind ABPLANALF H J 918 Calif ABRAHAM KITTY G Mrs 8620 Oreg ABRAHAMRH 5465 Minn ABRAHAMRH 5560 Minn ABRAHAMSON L B 5880 Miss ABRAMS de LEON RAUL 9030 PR
ABRAMS MILTON 10620 Utah
ABREU JE 9090 PR ABRUNA FERNANDO 9070 PR ABSHER C W 4150 Ky ABSHIER G S 8360 Okla ACARON SEPULVEDA O 9090 PR ACCORD CLAIR 10390 Utah ACE D L 8770 Pa ACEDO GREGORIA Mrs 6070 Mo ACEVEDO MONTALVO R 9090 PR ACHACOSO A S 4390 La ACHEE NICHOLAS Jr 180 Ala ACIN DIAZ NILSA M Miss 8940 PR ACKER D C 9500 S Dak ACKER GERALDINE E 3350 Ill ACKERMAN C J 10850 Va ACKERMAN C W 9290 S C ACKERMAN R J 3660 Nova ACKERSON C W 6440 Nebr ACKLEY W B 11310 Wash ACKLEY W D 370 Ariz ACORD CLAIR 10390 Utah ACOSTA FELIX 9090 PR ACOSTA MATIENZO ANGEL 9030 PR ACOSTA NAZARIO PA 9090 PR ACOSTA PHYLLIS 6660 Nev ACOSTA VILLEGAS NELIA Miss 3980 PR
ACREE TE 7310 NY
ACTON JC 9390 SC
ADAIR JB 7450 NC ADAIR JOHN 8470 Oreg

ADAIRKT 6040 Mo

ADAMS A J 4580 La ADAMS A W 3910 Kans ADAMSAMELIAE 9494 S.C. ADAMS AURELIA K Mrs 8885 Pa ADAMS CH 6420 Nebr ADAMS DA 7450 N C S Dak ADAMS D G 9640 ADAMS D L 1364 Calif ADAMS D R ADAMS D W 5430 Mich 7**96**0 Ohio ADAMS DW 8130 Ohio ADAMS DONALD 560 Ark ADAMSEB 11910 Wyo ADAMS E P 9660 S Dak ADAMS E P ADAMS E T 1007C Tex ADAMS E V 6890 N J ADAMS E.W. 4010 Kan ADAMS EVA W 1880 Del ADAMS F W 8490 Oreg ADAMS FRED 30 Ala ADAMS G D 8270 Okla ADAMS G L 10250 Tex ADAMS HP 6610 Nev ADAMS J A 6400 Nebr 7300 NY ADAMS JA ADAMS J C 11905 Wyo ADAMS JE 10295 Tex ADAMS J L 6530 Nebr 10000 Tex ADAMS J W 8810 Pa ADAMS L E ADAMS M V 68**7**0 N J ADAMS M V 6970 N J ADAMS M W 5230 Mich ADAMS MARY L 1580 Conn ADAMS OR 1540 Colo 2500 Ga ADAMS PHYLIG W ADAMS R C 8040 Ohio ADAMS R D 3232 idana ADAMS R Ε 10940 Vα ADAMS R Ε 11440 W Vα ADAMS R F 7363 N Y ADAMS R L 3430 Ind ADAMS R P 1510 Colo ADAMS R.S. 8770 Pa ADAMS R S Jr 5640 Minn ADAMS THOMAS 5430 Mich ADAMS V E 2400 Ga ADAMS VERA E 1011C Tex ADAMS VETA B Mrs 6050 Mo ADAMS W A 11180 Wash ADAMS W E 2350 Ga ADAMS W V Jr 4550 La ADAMS W W 3550 Ind ADAMS WW 3330 INT ADAMSON JEFFREY 7250 N Y ADCOCK J L 1540 Colo ADCOCK R E 8260 Okta ADDICCTT F T 900 Calif ADDINK J.W. 1410 Colo ADDIS P B 5565 Minn ADDISON EDWIN 7010 N J ADELMAN I R 5550 Minn ADKINS T R Jr 9365 S C ADKISSON P L 10090 Tex ADLER H E 1178 Calif ADLER JULIUS 11680 Wis ADLER JULIUS 1.590 Wis ADLERZ W C 2250 Fla ADRIAN P A 980 Calif ADSIT M E 2560 Ga ADSUAR MIRO JOSE 9000 PR ADZIMA ROBERT 1660 Conn

AEPLIDC 530 Ariz

AHLRICHS J L 3420 Ind AFT HARVEY 8724 Oreg AGATHANGELIDES DEMETRIOS 10540 Utah AGEE D E 11860 Wyo AGEE H R 9480 S C AGNEW T R 135 Ala AGRIOS G N 5130 Mass AGUARCE 2440 Ga AGUIARJL 9020 PR AGUAR C E 2440 Ga
AGUIAR J L 9020 P R
AGUILLARD WILBUR 4385 La
AH H S 2560 Ga
AHARONI YAIR 4920 Md
AHLGREN C E 5570 Minn
AHLSCHWEDE W T 6420 Nebr
AHLSWEDE G A 3860 Kans
AHMAD SAMI 6010 Mo
AHMED E M 2120 Fla
AHO P E 8726 Oreg
AHO N A 1590 Conn
AHRENDES E R 6260 Mont
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AHRENS D L 3710 Iowa
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AHRENS J F 1780 Conn
AHRENS VIRGINIA P Mrs 1880 Del
AHRING R M 8260 Okla
AICHELE M D 11320 Wash
AIKEN C R 5770 Miss
AIKMAN J M 3670 Iowa
AIKMAN MARIELLA 5352 Mich AIKMAN MARIELLA 5352 Mich AINSLIE H R 7250 N Y AINSWORTH CAMERON 1510 Colo AITKEN J B 2240 Fla AITKIN M A 10990 Va ATTRIN M A 10990 Va
AKAMINE F K 3040 Hawaii
AKELEY R V 4770 Me
AKESSON N B 980 Calif
AKIN ANN 9830 Tenn
AKRE R D 11270 Wash
AL-ABBAS A H K 3605 Ind ALBACHRF 10295 Tex ALBANEK 8020 Ohio ALBANEK 8180 Ohio ALBANESE NAOMI 7490 N C ALBERGRJ 7375 N C ALBERT F A 11740 Wis ALBERT R A 210 Ala ALBERT T F 4960 Md ALBERT W W 3260 Ill ALBERTSON M L 1410 Colo ALBRACHT J J 3940 Kons ALBRECHT C F 5270 Mich ALBRECHT G J 7348 NY
ALBRECHT S L 10570 Utah
ALBRECHT W A 5935 Mo ALBRECHTSEN R S 10540 Utah ALBREGHTS E E 2240 Fla ALBRIGHT J L 3430 Ind ALBRIGO L G 2240 Fla ALBRITTON D J 730 Ark ALBRITTON R C 5880 Miss ALCALA FRASQUERI DANIEL 8990 ALCALA FRASQUERIE 9090 PR ALCALA JL 9090 PR ALCORN G B 760 Calif ALCORN G B 865 Calif ALCORN S M 490 Ariz ALCOVER LUZ C 9090 ALLEN H h 1435 Colo ALDEN H R 3232

ALDER-ANDERSON

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ANDERSON-ARONOVICE

ANDERSON G C 11400 W Va ANDERSON G R 3080 Idaho ANDERSON G R 2 C Minn ANDERSON G W 9300 S C ANDERSON HW 4390 La ANDERSON HELEN L 6050 Mo ANDERSON I C 3630 Iowa ANDERSON I C 3670 Iowa ANDERSON I L 8420 Okla ANDERSON J C 10440 Utah ANDERSON J E 7230 N Mex ANDERSON J F 5650 Minn ANDERSON J F 5650 Minn ANDERSON J F 5150 Mass ANDERSON J F 1740 Conn ANDERSON J G 10260 Tex ANDERSON J H 5690 Miss ANDERSON J H 5690 Miss ANDERSON J L 10540 Utah ANDERSON J M 5880 Miss ANDERSON J M 5880 Miss
ANDERSON J. C-9C Utan ANDERSON J.O. 10540 Utah ANDERSON J.O. 5490 Minn ANDERSON J.O. 5490 Minn ANDERSON J.O. 7090 N Mex ANDERSON J.C. 10060 Tex ANDERSON J.LIA J. Mrs. 3750 lowd ANDERSON K.L. 5700 Miss ANDERSON LC 3980 Kans
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AMJERSON M.K. 4140 Ky ANDERSON MAPTHA Mrs. 1440 Colo ANDERSON MYRTLE 6590 Nebr ANDERSON N.A. 5610 Minn ANDERSON N.H. 8530 Oreg ANDERSON N.L. 6320 Mont ANDERSON N.V. 4090 Kon ANJERSON N. M. 4904 Fig.
ANDERSON O E 2720 Ga ANDERSON P M 8800 Pa ANDERSON R A 4140 Ky ANDERSON R A 7770 N Dak ANDERSON R C 2340 Ga ANDERSON R C 10420 Utah ANDERSON R E 7250 N Y ANDERSON R F 2755 Ga ANDERSON R H 1660 Minn
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ATKINSON C H 3850 Kan

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BABBIT J K 8580 Oreg

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BROWN CS 4770 Me
BROWN COLEEN T Mrs 1460 Colo BROWN D A 560 Ark
BROWN DG 9900 Tenn
BROWN DS 1100 Calif BROWN DW 9724 Tenn
BROWN DOROTHY Mrs 8620 Oreg
BROWN E D 690 Ark
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BROWN G N 6040 Mo
BROWN G R 660 Ark BROWN G R 11910 Wyo
BROWN G W 8723 Oreg
BROWN GUENDOLINE Mrs 11900 Wyo BROWN H B 4210 Ky
BROWN H D 10010 Tex
BROWN HE 6010 Mo BROWN HE 10295 Tex
BROWN H L 7280 N Y
BROWN H W 3260 III
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DEUTSCH C J 3770 [6w]

DEUTSCHAAN A J J 350 Am

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DEVTSCH SIGN Cold

DONAHUE-DUM

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DUMAS B A 705 As | DUTT R K 965 Min | DUTT R K 965

EDWARDS-ERICKSON

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EDWARDS R 5980 ONIG

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ERICKSON-FARRIER

EDIONGONI C. 1960. Calif	EVANS J F 3290 III EVANS J G 4850 Md EVANS J K 4140 Ky EVANS J M 6890 N J EVANS J M 6190 Mont EVANS J M 6190 Mont EVANS J M 6190 Mont EVANS J S 9380 S C EVANS J W 910 Calif EVANS K E 3140 Idaho EVANS K E 3140 Idaho EVANS L E 2270 Fla EVANS N A 1410 Colo EVANS N A 1410 Colo EVANS N A 256 Ala EVANS R A 6685 Nev EVANS R A 6685 Nev EVANS R B 1370 Colo EVANS R M 9815 Tenn EVANS R M 9815 Tenn EVANS R M 9815 Tenn EVANS S D 5680 Minn EVANS T P 5456 Mich EVANS T P 5456 Mich EVANS T P 6540 Nebr EVANS T P 6660 S Dak EVERETT R M 210 Ala EVERETT R R 8070 Ohio EVERETT R R 8070 Ohio EVERETT R W 7250 N Y EVERETTE G A 4140 Ky EVERHARD W H 1435 Colo EVERHARD W H 1435 Colo EVERHARD W H 1435 Colo EVERSON D O 3060 Idaho EVERSON D R 3070 Idaho EVERSON D R 3070 Idaho EVERSON D R 3090 III EVERSON D O 3060 Idaho EVERSON D R 3070 Idaho	FABRICANT JULIUS 7280 N Y
EMICKSON I C 3180 Idaha	EVANS J G 4850 Md	FACTEAU T J 8720 Oreg
ERICKSON E.C. 3190 Iddito	EVANS JK 4140 Ky	FADDOUL G P 5075 Mass
FRICKSON R W 5570 Minn	EVANSJL 6890 NJ	FAGERLIN P.T. 1560 Colo
FRIF I 1 430 Ariz	EVANSJM 1570 Conn	FAGERSON IS 5080 Mass
ERION G.W. 9660 S.Tak	EVANS J M 6190 Mont	FAHLY JE 3500 Ind
ERLANDSON G W 7770 N Dak	EVANSJO 10540 Utah	FAMINING M.L. 5050 Minn
ERMANDC 868 Calif	EVANS J S 9380 S C	FAIDLEY D.L. 3020 Kgm
ERNEST C E 7060 N J	EVANS J W 910 Calif	FAILING IFAN 7240 NY
ERNST J V 210 Ala	EVANS K E 3140 Idaho	FAIMAN RN 6700 NH
ERNST R A 1175 Calif	EVANS KO 4140 Ky	FAIR IG 9810 Tenr
ERNSTUFW 8050 Olio	EVANSILE 22/U FIG	FAIRBANK W.C. 1340 Calif
ERNSTROM CA 10524 Utah	EVANSINE 1370 Colo	FAIRBANKS A J 4580 La
ERPELDING L H 3940 Kun	EVANS R A 256 Ala	FAIRBANKS G.E. 3950 Kans
ERVEN B.L. 7960 Onto	EVANS R A 6685 Nev	FAIRCHILD A G 2090 Fla
ERWIN D.C. 1310 Calif	EVANSRJ 5210 Mich	EAIRCHILD JENNIFER 2500 Ga
FSBECK BAMONA I. 3720 Iowa	EVANSRM 9815 Tenn	FAIRCHILD M.L. 6010 MO
ESCH G W 5430 Mich	EVANS S D 5680 Minn	PAINCHIES IF 0720 NII
ESCHENWALD HESS ADOLFO 9030	EVANS S H 7635 N C	FAIRLETTE 9300 5 C
PR	LVANSTA 6540 Nebr	FAISON CHAPLOTTE J Mrs 4435
ESCHLE J L 10310 Tex	EVANS LP 5450 Mich	FAISZT J A 10960 Vα
ESCOLAR M E PEREZ 8980 P R	FVANS VIRGINIA 8010 Ohio	FALCK W E 3630 Iowa
ESCHNER A R /362 N Y	EVATT N.S. 10295 Tex	FALCON L A 800 Calif
ESHBACH C E 5112 Mass	EVEL FIGH LE 1900 N J	FALKRH 940 Calif
ESHBAIICH EI 1900 Kan	EVENSON P.L. 9660 S.Dak	FALKNER M H 9728 Tenn
ESKEM E B OSBU S C	EVERETT ESTHER 5352 Mich	FALLER T C 7880 N Dak
ESLICK R F 6290 Mont	EVERETT H L 7240 N Y	FALLOON J N 5935 MO
ESMAY M L 5270 Mich	EVERETT K H 7900 Ohio	FALSETH JOSEPH GOSO MO
ESPENAS L D 8724 Oreg	EVERETT K R 8070 Ohio	PALTER IM 7440 NC
ESPENSCHIED P F 3300 III	EVERETT PH 2240 FIG	FANILS 1460 Colo
ESPENSCHIED R F 3390 III	EVERETTR M 210 AIG	FANLT 3950 Kans
ESPHAHANI MOSTAFA 4430 La	EVERETTE G A 4140 Kv	FANCHER DW 6020 Mo
ESPLIN A 1 1375 Colo	EVERHARD W H 1435 Colo	FANGSC 8490 Oreg
ESPLING M 10390 Utah	EVERHART VELMA V Mrs 8010 Ohio	FANGMETER D D 430 Ariz
FRANCE OF TOURS AND THE PARTY OF THE PARTY O	EVERLY J C 3290 III	FANGUY R C 10160 Tex
ESSARI E. 7 10934 VI	EVERS IRENE Mrs 6396 Mont	FANNING DS 4810 Md
ESSENWANGER O.M. 1410 Colo	EVERS N P 9640 S Dak	FARBER H O 3240 III
ESSER R P 2090 Fla	EVERSON DO 3060 Idaho	PARGO JEAN MINAS 3010 INGWOLL PARTER FOLLOWING 10240 Tex
ESSIG H W 5710 Miss	EVERSON E H 5230 Mich	FARIS J. F. 13880 Va
ESSLINGEF DI. 5980 Mo	EVERTOR 1000 Vt	FARLER CARL 2000 Fla
ESSLINGER D.L. 6020 Mo	EVERY BW 8530 Orea	FARLEY J D 8030 Ohio
ESTELL R D 5380 Mich	EWALDPR 9728 Tenn	FARLEY J D 8200 Ohio
ESTEROR CERTRITO SSSO Minn	EWALTHP 8470 Oreg	FARLEY R D 1295 Calif
ESTEROS GERTRODE 3300 Mini	EWANRC 3640 Iowa	FARLEY RICHARD 4100 Kans
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FRAHMRR 8270 Okla FRAKESRV 8560 Oreg FRALEY L Jr 1540 Coic FRALISH J S 3405 III FRAME ANN W Mrs 10930 Va FRANCE F T 8640 Oreg FRANCESEN 3860 Kans FRANCESCHI SERBULO 9090 P H FRANCIS A J 7250 N Y FRANCIS D W 7210 N Mex
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FRANDSEN J C 210 Ala FRANDSON R D 1540 Colo FRANK ANN L Mrs 3970 Kan FRANK CE 1460 Colo FRANK F W 3220 Idaho FRANK HILMER 2980 Hawaii FRANK NORMA A 8225 Ohio FRANK V 6330 Mont FRANKE D E 2030 Fla
FRANKE H W 10040 Tex FRANKIE G W 10090 Tex FRANKLIN D F 3230 Idaho FRANKLIN H B 10930 Va FRANKLIN J F 8726 Oreg FRANKLIN J J 2275 Fla FRANKLIN R C 11480 W Va FRANKLIN R E 7900 Ohio FRANKLIN R E 8070 Ohio FRANKLIN R T 2430 Ga FRANKLIN R T 2480 Ga
FRANKLIN W.T. 1375 Colo FRANS R.E. 560 Ark FRANTI C.E. 1178 Calif FRANTZ W.L. 5430 Mich FRANZMANN J.R. 8320 Okla FRANZMEIER D.P. 3420 Ind FRARY R.F. 11850 Wyo FRASER BARBARA 4760 Me FRASER BOBERT 1640 Conn FRASIER G.W. 430 Ariz FRASIER ROBERTA C. 8620 Oreg
FRAYER W E 1435 Cala FRAZEE C J 9660 S Dak

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FRAZIER P W 2130 Fla FRICK K E 800 Calif FRAZIER J L 5760 Miss FRICKEY E L 3455 Ind FRAZIER L P 3920 Kan FRIDAY D T 7900 Ohio FRAZIER M N 1580 Conn FRIDAY D T 8070 Ohio FRAZIER N W 800 Calif FRIDAY D T 8070 Ohio FRAZIER R D 5680 Minn FRIDAY W H 3490 Ind FRAZIER T L 2390 Ga FRIDLEY R B 980 Calif FRAZIER W A 8630 Oreg FRIDLUND P R 11320 Wash FREAR F S 7740 N Dak FRIL-RICH J H 7320 N Y FREDERICK H W 3920 Kan FRIEDERICK L R 3630 Iowa FRIEDERICK L R 3630 Iowa FRIEDERICK E 5600 Minn FRIEDERICK E 5600 Minn FRIEDERICKS E E 5600 Minn FRIEDERICKS E N R A 10150 Tex FREDERICKS N R A 10150 Tex FREDERICKS N R A 10150 Tex FRIEDERICKSON CARMEN Mrs 10570 FRISBEE H E 7935 Ohio Utah FRIEDERICKSON CARMEN Mrs 10570 FRISBEE H E 7935 Ohio FRISBEY J C 6000 Mo
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        FRIST LL S S 6396 Mont

        FREE D H 6570 Nebr
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FRISBY J C 6000 Mo FRISCHKNECHT L C 10440 Utah FRISCHKNECHT W D 8470 Oreg

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SASTON-GILLINGHAM

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SASTON-LING IN 1270 Code

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CHAPT LOURE SW1 Pg

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GILMAN-GORBATSEVICH

GONZALEZ LESLIE HERNANDEZ 8960 GOODING G V Jr 7510 N C GOODLING A C 4580 La GOODMAN A B 1540 Colo GOODMAN E O 6820 N H GOODMAN J G 190 Ala GOODMAN J R 1410 Colo GOODMAN M M 7550 N C GLASS S E 10300 1ex
GLAZE F T 165 Ala
GLAZE R C 2650 Ga
GLAZE R C 2650 Ga
GLAZE R M 7160 N Mex
GLEAVES E W 6570 Nebr
GLAZE R L 1590 Conn
GOLDEN B A 2600 Ga
GLEAVES E W 6570 Nebr
GLEDHILL V H 7160 N Mex
GOLDEN B E 3240 III
GOODMAN V H 1295 Calif
GOODMICH D C Jr 7250 N Y
GLEDHILL V H 7160 N Mex
GOLDEN E E 3240 III
GOODRICH D C Jr 7250 N Y
GLENN B L 8420 Okla
GOLDEN B E 3320 III
GOODRICH D S480 Minn
GLEISER C A 10270 Tex
GOLDEN WANDA A 10964 Va
GLENN B L 8420 Okla
GLENN B L 8420 Okla
GLENN B C 5700 Miss
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GOLDEN WANDA A 10964 Va
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GOLDSERRY K L 1375 Colo
GLICK BRUCE 5830 Miss
GOLDSTEIN H E 7910 Ohio
GLOSSER B V 1420 W Va
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GOODEMAN B D 1550 Ohio
GOODWIN T L 570 Ark
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GORDEUK-GREENWOOD

GONDELIK STEPHEN 8870 Ps
GONDELIK STEPHEN 8870

GREENHOOD MATY N 6320 Mb GREENHOOD CHAN GREENHOOD CHAN GREENHA 200 Old Change of Color Change of Change of Color Change of Change of Color Change of C GUTIERES JEAN A Mrs. 2970 Hawaii GUTIEREZ A P. 3500 Ind GUTTAY A J R. 1660 Conn GUTTERMAN MELVIN 6876 Pa

GWIN-HAMILTON

SWIN-HAMILTON

OWEN RE 4110 Kome
GRENN R 1680 Del
GRENN R 1680 Del
HAGGINET R 2 50 Kez

HAMILTON W J 1160 Calif HAMLETT H D 11090 Va
HAMIETTHD 11090 Va
HAMLIN ROBERT 8040 Ohio
HAMMJJ 2640 Ga HAMMACKEP 9740 Tenn
HAMMAN P J 10090 Tex
HAMMER MARIES 2100 Fla
HAMMERRF 5650 Minn
HAMMERLEJR 7430 NC
HAMMES R C Jr 10830 Va
HAMMES R C Jr 11010 Va HAMMES R C Jr 11170 Va
HAMMESRCJr 11170 Va
HAMMETTHL 5800 Miss
HAMMETTLK 7500 NC
HAMMETT RUTH Mrs 90 Ala
HAMMETTER M.C. 4220 Ky
HAMMON E G 3680 Iowa
HAMMONGA 7470 NC
HAMMOND A M 4435 La
HAMMOND A M 4435 La HAMMOND D H 3690 Jowa
HAMMOND D M 10610 Utah
HAMMOND II 7680 N Dak
HAMMOND J J 7680 N. Dak. HAMMOND J W 5520 Minn HAMMOND L C 2200 Fla
LIAMMOND I C 2200 Ela
HAMMOND L H 7410 N C
HAMMOND D.D. ECCO. Minn
HAMMOND P B 5650 Minn HAMMOND W C 2630 Gα
HAMMOND W C 2630 Ga
HAMMONDS LUCY T Mrs 4210 Ky
HAMMONS DR 8270 Okla
HAMMONDS T.M. 8500 Creg
HAMMONS RO 2600 Ga
HAMON JM 4010 Koms
HAMPTONRO 8480 Oreg
HAMRE M L 5480 Minn
HAMRICK C B 7380 N C
HAMSON A R 10540 Utah
HAMSTEADEO 11550 W Va
HANAN J J 1375 Colo
HANCHEY ADA W Mrs 4460 La
HANCHEY F J 1510 Colo
HANCHEY R H 4340 La HANCHEY R H 4510 La
HANCHEYRH 4510 La
HANCOCK B G 10180 Tex
HANCOCK C K 10070 Tex HANCOCK J G 850 Calif
HANCOCK I C 950 Calif
LINICOCK 1 G 630 CHILL
HAND I.F 5945 Mo
HANDLF 5945 Mo
HANDLF 5945 Mo HANDLIN D.L. 9290 S.C
HANDLF 5945 Mo HANDLIN D.L. 9290 S.C
HAND LF 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis
HAND LF 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A LAN 9990 Tex HANKS R J 10575 Utah
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A LAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A LAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A LAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 III HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA R M 7050 N J
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A LAN 9990 Tex HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla HANNA H W 3280 Ill
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES G H 210 Ala HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla HANNAH B H 10750 Vt
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES G H 210 Ala HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla HANNAH B H 10750 Vt
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES G H 210 Ala HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla HANNAH B H 10750 Vt
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES G H 210 Ala HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R J 10575 Utah HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA T P 7250 N Y HANNA W W 2020 Fla HANNAH B H 10750 Vt
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A R 10050 Tex HANKS R W 2240 Fla HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA H W 3280 Ill HANNAH H W 3280 Ill HANNAH P H 10750 Vt HANOVER J W 5365 Mich HANOVER S J 7470 N C HANNOVER S J 7470 N C HANRICK C B 7380 N C
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS ALAN 9990 Tex HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA JOHN 726C N Y HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA R M 7050 N J HANNA H W 3280 Ill HANNAH H W 3280 Ill HANNAH P H 10750 Vt HANNAH P H 10750 Vt HANOVER J W 5365 Mich HANOVER S J 7470 N C HANRICK C B 7380 N C HANSARD S L 9740 Tenn
HAND L F 5945 Mo HANDLIN D L 9290 S C HANES R E 10830 Va HANG S J 9010 P R HANG Y D 7310 N Y HANISH BABETTE S 11660 Wis HANKE H E 5680 Minn HANKES G H 210 Ala HANKES R N 3260 Ill HANKIN LESTER 1720 Conn HANKINS B J 3420 Ind HANKINSON D J 5080 Mass HANKS A R 10050 Tex HANKS A R 10050 Tex HANKS R W 2240 Fla HANKS R W 2240 Fla HANLIN R T 2530 Ga HANLON GRISELDA F 5650 Minn HANNA G C 1130 Calif HANNA G F 880 Calif HANNA JOHN 726C N Y HANNA J B 3970 Kans HANNA J GORDON 1710 Conn HANNA R M 7050 N J HANNA R M 7050 N J HANNA H W 3280 Ill HANNAH H W 3280 Ill HANNAH P H 10750 Vt HANOVER J W 5365 Mich HANOVER S J 7470 N C HANNOVER S J 7470 N C HANRICK C B 7380 N C

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HAMSEROUGH THOMAS 4490 La
HANSCH P E 1100 Calif
HANSELWILLIAM 7250 N Y
HANSELKAD D V 10220 Tex
HANSELMAN D L 7356 N Y
HANSEN A P 7460 NC
HANSEN C M 5270 Mich
HANSEN D E 960 Calif
HANSEN B D 9655 Tenn
HANSEN E L 3300 Ill
HANSEN E L 3300 Ill
HANSEN H E 3710 Iowa
HANSEN H E 3710 Iowa
HANSEN H M 1570 Conn
HANSEN H M 1570 Conn
HANSEN H M 1570 Conn
HANSEN H M 1590 Conn
HANSEN H M 1590 Conn
HANSEN H M 1590 Conn
HANSEN H M 1630 Conn
HANSEN R M 7 3880 Kms
HANSEN R M 7 3880 Kms
HANSEN R M 7 3800 Kms
HANSEN R M 7 3800 Kms
HANSEN R M 7 3800 Kms
HANSEN R M 1410 Colo
HANSEN R M 1570 Wish
HANSON C M 3710 Iowa
HANSON R M 1750 N Mex
HANSON B M 1750 N Mex
HANSON B M 1750 N Mex
HANSON D M 1500 Conn
HANSON R M 1750 N Mex
HANSON C M 3710 Iowa
HANS
             HANSON L E 3380 III
HANSON L E 5480 Minn
HANSON M L 7150 N Mex
             HANSON ME 7130 IN MARCHARD HANSON MARGARET B Mrs 1440 Colo HARMON B G 3260 III HANSON R C 10020 Tex HARMON K W 7750 N Dak
               HANSON R C 10020 Tex
HANSON R G 6065 Mo
  HANSON R G 6065 Mo HARMON K W 7750 N Dak
HANSON R P 11580 Wis HARMON L G 5310 Mich
HANSON R P 11810 Wis HARMON L G 5310 Mich
HANSON R S 1158C Wis HARMON M J 10360 Utah
HANSON R S 1158C Wis HARMON S A 2650 Ga
HANSON W D 7480 N C HARMON D J E 8520 Oreg
HANSON W D 7480 N C HARMS A G 3280 III
HANSON W H 5560 Minn HARMS E H 590 Ark
HANSON W J 10610 Utah HARMS IRENE E 8880 Pa
HANSON W L 2560 Ga HARMS R H 2190 Fla
HANSON W L 2560 Ga HARMS R H 2190 Fla
HANNON W L 2560 Ga HARMS R H 2190 Fla
HANWAY D G 6410 Nebr HARME EVELYN 5560 Minn
HANWAY D G 6410 Nebr HARNE EVELYN 5560 Minn
HANWAY J J 3630 Iowa HAROLD M R 10750 Vt
HAPNER K D 6220 Mont HARPER A E 11590 Wis
HAQUE RIZWANUL 8490 Oreg HARPER A E 11765 Wis
HARADA R T 6390 Mont HARPER D W Jr 5840 Miss
HARAMAKI CHIKO 8860 Pa HARPER D W Jr 5840 Miss
HARABERS L H 3860 Kans
HARPER J D 280 Calif
HARBERS L H 3860 Kans
HARPER J C II 8740 Pa
HARPER J C 3250 III
HARD GRAHAM E 10140 Tex
HARPER L V 917 Calif
            HARDER L V 917 Calif
HARD MARGARET M Mrs 11300 Wash
HARPER L U 917 Calif
HARD MARGARET M Mrs 11300 Wash
HARPER L URA J 10820 Va
HARPER R W 3090 Idaho
HARPER V L 2130 Fla
HARPER V L 2130 Fla
HARPER W J 7950 Ohio
HARDIN C M 1040 Calif
            HARDIE I W 4850 Md
HARDIN C M 1040 Calif
HARDIN E E 8560 Oreg
HARDIN J W 7390 N C
HARDIN L S 3460 Ind
             HARDIN LS 3460 Ind
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HARMAN SARAH I 530 Ariz HARMON KATHRYN P Mrs 7050 N J HARPER W L 1660 Conn HARPER W W 2755 Ga HARPESTAD G W 3270 Ill HARPSTEAD D D 5230 Mich

HARR-HAVENS

ARRELLA T 470 L0
ARRELLA T 170 L0
ARREL

HAMINE RUBLIVIA A 1700 Com
HAMIS JR 510: Moze
HAMINER RUBSCH JJ 580 JP
HAMINER RUBSCH JP
HAMINER RU

HENDREN-HILL

MENDRECH REPA X 9830 Tree
MENDRECK D (C) A36
MENDRECK D (D) A36
MENDRECK D (D) D (D) D (D)
MENDRECK D (D) D

HOLBERTON-HOUKES

HOLCOMB BEVERLEY J 640 Ark
HOLCOMB C J 10940 Va
HOLCOMB G E 4380 La
HOLCOMB H W 10290 Tex
HOLCOMB HOYT 10145 Tex
HOLCOMB J M 3280 Ill
HOLCOMB J W 10010 Tex HOLIK JOSEPHINE M Mrs 6000

HOLIK JOSEPHINE M Mrs 6000

HOLVET 0 = HOLVET 0 =

 HOLBERTON ANNE w Mrs 1830 Del
 HOLMES NANCY H Mrs 7490 N C
 HOPKINS S H 10060 Tex

 HOLAHAN URSULA A 9370 S C
 HOLMES O W Jr 8500 Oreg
 HOPKINS S R 2540 Ga

 HOLBROOK F R 4720 Maine
 HOLMES R G 7430 N C
 HOPKINS T L 3960 Kans

 HOLCOMB A H 110 Ala
 HOLMGREN A H 10410 Utah
 HOPP E I 11280 Wash

 HOLCOMB BEVERLEY J 640 Ark
 HOLMQUIST C E 9520 S Dak
 HOPP R J 10790 Vt

 HOLCOMB C J 10940 Vα
 HOLMSEN ANDREAS 9250 R I
 HOPPL'R W M 9750 Tenn

 HOLCOMB G E 4380 La
 HOLOWAYCHUK NICHOLAS 7900
 HOPPIN JUDITH A 3350 III

 HOLCOMB H W 10290 Tex
 Ohio
 HOPWOOD M L 1510 Colo

 HOLCOMB J M 3280 III
 Ohio
 HOPWOOD M L 1540 Colo

 HOLCOMB J W 10010 Tow
 HOLST MARTHA I 3530 Ind
 HORN A S 3190 Idaho
 HOLLAND DOROTHY A Mrs 10030
HOLLAND DOROTHY A Mrs 10030
HOLLAND JS 5020 Mb
HOLLAND R 7300 N Dak
HOLLEY R 7300 N Dak
HOLLINGWORTH R 7300 N DAK

HORREL ELVERA C Mrs 8500 Oreg HORROCKS R D 5935 Mo HORSBURGH R L 8810 Pa

HOULTON H A R 5300 Med HOULTON H A R 5300 Med

HUNTER~JACOBS

HINTER I A 4520 MB

HANTER I A 4520 MB

HANTER I A 4520 MB

HANTER I A 4500 MB

HA

JACOBS IN V 7700 N Y
JACOBS IN V 7700 N Y
JACOBS IN S 500 Man
JACO

JOHNSON-JONES

TOUNGON D. D. OFFO. O	TOTINGON I W 100 MI	TOUNISMONI D. D. CAGO, MI. I
JOHNSON D.P. 8550 Oreg	JOHNSON L W 190 Ala	JOHNSTON R F 5430 Mich
JOHNSON D.R. 5935 Mo	JOHNSON LARUE 5650 Minn	JOHNSTON R S 8500 Oreg
JOHNSON D W 7790 N Dak	JOHNSON LESTER 8420 Okla	JOHNSTON R S 10530 Utah
JOHNSON DALLAS 6340 Mont	JOHNSON LOUISE T 1650 Conn	JOHNSTON ROSA S Mrs 5110 Mass
JOHNSON DON 2400 Ga	JOHNSON M E 3150 Idaho	JOHNSTON TH 690 Ark
JOHNSON DORIS Mrs 258 Ala	JOHNSON M J 8720 Oreg	JOHNSTON T J 5230 Mich
JOHNSON E A 590 Ark	JOHNSON M J 11590 Wis	JOHNSTON VIVIAN 7935 Ohio
JOHNSON E A 918 Calif	JOHNSON M W Jr 8740 Pa JOHNSON MARTHAR 2500 Ga	JOHNSTON VIVIAN L 8010 Ohio
JOHNSON E A 5060 Mass	JOHNSON MARTHAR 2500 Ga	JOHNSTON W E 960 Calif
JOHNSON E J 10320 Tex	JOHNSON MARY L 6050 Mo	JOHNSTON W E 9270 S C
JCHNSON E S 1510 Colo	JOHNSON NANCYEMrs 11765 Wis	
JOHNSON E W 140 Ala	JCHNSON NAOMI M 3970 Kans	JOHNSTONE F E Jr 2510 Ga
JOHNSON ELIZABETH A 1580 Conn	JOHNSON OR 10820 Va	JOHNSTONE W F 8780 Pa
JOHNSON ELIZABETH C Mrs 8620	JOHNSON OR 11050 Va	JOHNSTONE W H 6190 Mont
Oreg	JOHNSON PE 3490 Ind	JOHST J R 7360 N Y
JOHNSON ELIZABETH M Mrs 3350 111	JOHNSON P E 4010 Kans	JOINER JN 2160 Fla
JOHNSON EVELYN H 4210 Ky	JOHNSON P E 8270 Okla	JOKELA J J 3340 Ill
JOHNSON EZELLE V 3530 Ind	JOHNSON PH 440 Ariz	JOKINEN W J 4530 La
JOHNSON F D 3232 Idaho	JOHNSON PL 2480 Ga	JONES AB 1460 Colo
JOHNSON F M 7480 N C	JOHNSON PO 90 Ala	JONES AH 11310 Wash
JOHNSON FAY B Mrs 4480 La	JOHNSON PR 7410 NC	JONES AL 5220 Mich
JOHNSON FOLKE 11320 Wash	JOHNSON PS 6040 Mo	JONES ALPHA H Mrs 258 Åla
JOHNSON FRANCES M Mrs 1440 Colo	JOHNSON P W 5650 Minn	JONES B A Jr 3300 Ill
JOHNSON FREDDIE 4599 La	JOHNSON R A 7810 N Dak	JONES BF 625 Ark
JOHNSON G I 6490 Nebr	JOHNSON R B 2240 Fla	JONES BF 3460 Ind
JOHNSON G L 5250 Mich	JOHNSON R B 4960 Md	JONES B L 10295 Tex
JOHNSON G R 7910 Ohio	JOHNSON R C 3780 Iowa	JONES B M 8030 Ohio
JOHNSON G R 8040 Ohio	JOHNSON R D 6480 Nebr	JONES B M 8200 Ohio
JOHNSON G.R. 8080 Ohio	JOHNSON RE 900 Calif	JONES BERTHA M 135 Ala
JOHNSON G V 370 Ariz JOHNSON GESTUR 1440 Colo	JOHNSON R.G. 7770 N. Dak JOHNSON R.H. 5 90 A rk	JONES C A 1650 Conn
JOHNSON GESTUR 1440 Colo	JOHNSON R H 590 Ark	JONES CK 10240 Tex
JOHNSON GESTUR 1510 Colo	JOHNSONRH 4150 Ky	JONES C M 3540 Ind
JOHNSON HA 7660 N C	JOHNSON R J 3405 [1]	JONES C M 6520 Nebr
JOHNSON H.B. 12 9 5 Calif	JOHNSON R.J. 3405 III JOHNSON R.J. 11200 Wash JOHNSON R.L. 7690 N.Dak	JONES CM 9280 S C
JOHNSON H D 5960 Mo	JOHNSON R L 7690 N Dak	JONES CLEO 7450 N C
JOHNSON HE 5365 Mich	JOHNSON R L 5880 Miss	JONES L L 4450 La
JOHNSON H G 5610 Minn	JOHNSON R L 3970 Kan	JONES DL 10295 Tex
JOHNSON H P 3710 Iowa	JOHNSON RM 10360 Utah	JONES DO 8040 Ohio
JOHNSON H S 3260 III	JOHNSON R R 8270 Okla	JONES DW 2020 Fla
JOHNSON H W 5470 Minn	JOHNSON R V 3270 III	JONES ED 7250 NY
JOHNSCN HUNTER Jr 1340 Calif	JOHNSON ROBERTA Mrs 10110 Tex	JONES E E 7380 N C
JOHNSON IDA B Mrs 7820 N Dak	JOHNSON S L 4670 Me	JONES E I 7935 Ohio
JOHNSON JA 3980 Koom	JOHNSON S R 5945 Mo	JONESEM 7470 NC
JOHNSON J A 5460 Mich JOHNSON J B 11200 Wash JOHNSON J C 2620 Ga	JOHNSON S R 2240 Fla JOHNSON S S 960 Calif	JONES EM 8420 Okla
JOHNSON J B 11200 Wash	JOHNSON S S 960 Calif	JONES F. R. 1950 Del
JOHNSON J C 2620 Ga	JOHNSON STEWART 1600 Conn	JONES EV 9430 SC
IOHNSON I D 10150 Tev	TOHNSON THE ALSO NO	JONES E W 7370 N C
JOHNSON J E 1375 Colo	JOHNSON THELMA B Mrs 4210 Ky	JONESEW 7410 NC
JOHNSON J E 1540 Colo	JOHNSON THETA 10490 Utah	JONES E W 84 20 Okla
JOHNSCN J E 5090 Mass	JOHNSON V A 6410 Nebr	JONES ELIZABETH 4910 Md
JOHNSON J E 7770 N Dak	JOHNSON V K 7690 N Dak	JONES F E 1175 Calif
JOHNSON J H 210 Ala	JOHNSON V W 5457 Mich	JONES FM 690 Ark
JOHNSON J L 3180 Idaho	JOHNSON W A 170 Ala	JONES FAYE C 460 Ariz
JCHNCON I L 2390 Ga	JOHNSON W A 4520 La	JONES FRANCES W Mrs 640 Ark
JOHNSON J L 10835 Va	JOHNSON W B 7000 N J	JCNES G A 4200 Ky
JOHNSON J M 10880 Va	JOHNSON W C 9722 Tenn	JONES G D 10830 Va
JOHNSON J N 7690 N Dak	JOHNSON W.C. 10295 Tex	JONES G D 11010 Va
JOHNSON JP 5770 Miss	JOHNSON W C Jr 30 Ala	JONES G F. 4140 Ky
JOHNSON J R 2350 Ga	JOHNSON W H 3 9 50 Kan	JONES G F 3455 Ind
JOHNSON J.T. 2020 Fla	JOHNSON W H 7430 N C	JONESGL 7400 NC
JOHNSON J W 7362 N Y	JOHNSON W J 3720 Iowa	JONES HB 2390 Ga
JCHNSCN J W 8724 Oreg	JOHNSON W J 5453 Mich	JONES H D 7230 N Mex
JOHNSON J W 10295 Tex	JOHNSON W L 2275 Fla	JONES H.E. 450 Artz
JOHNSON JANET 1540 Colo	JOHNSON W L 7380 NC	JONES H E 530 Ariz
IOHNSCN JOYCE Mrs 2550 Ga	JOHNSON W M 252 Ala	JONES HE 3350 Kans
JOHNSON K H 5650 Minn	JOHNSON W O 2250 Fla	JONES H W 3430 Ind
JOHNSON K L 11910 Wyo	JOHNSON W.T. 7660 N.C.	JONES I D 7460 N C
JOHNSON J E 1375 Colo JOHNSON J E 1540 Colo JOHNSON J E 5090 Mass JOHNSON J E 7770 N Dak JOHNSON J E 7770 N Dak JOHNSON J H 210 Ala JOHNSON J H 210 Ala JOHNSON J L 3180 Idaho JCHNCON L 2390 Ga JOHNSON J L 10835 Va JOHNSON J M 10880 Va JOHNSON J N 7690 N Dak JOHNSON J N 7690 N Dak JOHNSON J P 5770 Miss JOHNSON J R 2350 Ga JOHNSON J R 2350 Ga JOHNSON J T 2020 Fla JOHNSON J W 7362 N Y JCHNSON J W 8724 Oreg JOHNSON J W 10295 Tex JOHNSON J W 10295 Tex JOHNSON J ANET 1540 Colo 10HNSON J W 5650 Minn JOHNSON K H 5650 Minn JOHNSON K H 5650 Minn JOHNSON K W 5000 Mass JOHNSON L B 4050 Kams JOHNSON L C 9640 S Dak	JOHNSON W T 7250 N Y	JONES JA 8885 Pa
JOHNSON L. A. 5240 Mich JOHNSON L. B. 4050 Kans JOHNSON L. C. 9640 S. Dak	JOHNSON ZELDUANA 570 A	JONES J B 2350 Ga JONES J C 4890 Md
TOTALON TO GENO G D-1-	JOHNSON ZELPHA Mrs 5/0 Ark JOHNSRUD M D 7810 N Dak	JONES J.C. 4690 Md JONES J.C. 7450 N.C.
JOHNSON L C 9640 S Dak JOHNSON L C 11190 Wash	TOUNGTON AT DEBATA OCCO O	JONES J.C. 7450 N.C. JONES J.E. 4350 La
JOHNSON L C 11190 Wash JOHNSON L E 5730 Miss	JOHNSTON C.M. COO. A-1-	JONES JE 4350 La JONES JE 8225 Ohio
JOHNSON L E 8040 Ohio	JOHNSTON ALBERTA 8620 Oreg JOHNSTON C M 600 Ark JOHNSTON E F 4690 Me	JONES JE 9440 S C
IOHNSON L.F. 3130 Idaho	JOHNSTON E F 4690 Me JOHNSTON KATHLEEN A 3530 Ind	JONES J G 11280 Wash
IOHNSON I F 9722 Tonn	JOHNSTON KATHLEEN A 3530 Ind JCHNSTON L D Mrs 8480 Oreg	JONES J G 11280 Wash JONES J H Jr 4460 La
JOHNSON I. I. 7690 N.C.	JOHNSTON M. R. 9810 Tenn	JONES J L 10145 Tex
JOHNSON I. I 8740 Pa	JOHNSTON MESCAL Mrs 640 Ark	JONES J L 10290 Tex
IOHNSON I P 7450 N.C		
1011110011 L 11 144:10 IV C		JONES J N 10830 Va
JOHNSON L F 9722 Tenn JOHNSON L J 7690 N C JOHNSON L J 8740 Pa JOHNSON L R 7450 N C JOHNSON L R 7660 N C	JOHNSTON PATRICIA V 3330 Ill JOHNSTON R B 5730 Miss	JONES J.N. 10830 Va J ONES J.P. 670 Ark

TONES I D 2240 Fla
JONES J P 2240 Fla JONES J P 3090 Idaho JONES J R 7380 N C
JONES J P 3090 Idano
JONES J. R. 7380 N.C.
JONES J W 5750 Miss
JONES J W 9270 S C JONES L G 900 Calif
JONES L.G. 900 Calif
JONES L G 4510 La
JONES L.M. 3232 Idaho
JONES L MEYER 3380 III
JONES L MEYER 3380 Ill JONES L S 2720 Ga
JONES L W 10400 Utah
JONES LONNIE 10000 Tex
JONES M B 900 Calif
JONES M E 9795 Tenn
JONES M M 6000 Mo
JONES M T 4000 Kans
JONES MARGARET Mrs 5430 Mich
JONES MARTHA H Mrs 2450 Ga
JONES CH 25.60 Ga
JONES O R 10295 Tex
JONES OR 10295 Tex JONES PA 9610 S Dak
JONES PHYLLIS 9210 RI
JONES R.C. 690 Ark
JONES R E 1850 Del JONES R E 7370 N C
JONES RE 7370 N C
JONES RE 7580 N C
JONES R F 90 Ala
JONES R H 1375 Colo
JONES R J 8250 Okla
JONES R K 3560 Ind
JONES R.K. 7510 N.C. JONES R.K. 10970 Va
JONES R L 2640 Ga
JONES R L 3250 Ill
JONES R M 10295 Tex
JONES R R 20 Ala
JONES R R 130 Ala
JONES R R 5980 Mo
JONES R R 6020 Mo
JONES R S Jr 80 Ala
JONES R W 2480 Ga
JONES S.C. 8530 Oreg
JONES S.C. 8530 Oreg
JONES S.C. 8530 Oreg JONES SIMMIE M.Miss 2890 Ga
JONES S.C. 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T.J. 2560 Ga
JONES S.C. 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T.J. 2560 Ga JONES T.L. 7960 Ohio
JONES S.C. 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T.J. 2560 Ga JONES T.L. 7960 Ohio JONES T.L. 8060 Ohio
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES T INY F 7170 N Mex
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES T INY F 7170 N Mex
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES TINY F 7170 N Mex JONES U S 9280 S C JONES V A 7460 N C
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JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 8060 Ohio JONES T L 8130 Ohio JONES T L 8130 Ohio JONES TINY F 7170 N Mex JONES U S 9280 S C JONES V A 7460 N C JONES W D 470 Ariz
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JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 8060 Ohio JONES T L 8130 Ohio JONES U S 9280 S C JONES V A 7460 N C JONES W D 470 Ariz JONES W E 5430 Mich JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H Jr 2110 Fla
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 8060 Ohio JONES T L 8130 Ohio JONES U S 9280 S C JONES V A 7460 N C JONES W D 470 Ariz JONES W E 5430 Mich JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H Jr 2110 Fla
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JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 8060 Ohio JONES T L 8130 Ohio JONES W S 9280 S C JONES W A 7460 N C JONES W D 470 Ariz JONES W E 5430 Mich JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 9720 Tenn JONES W H 8445 Ckla JONES W L 8445 Ckla
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES U S 9280 S C JONES V A 7460 N C JONES W D 470 Ariz JONES W E 5430 Mich JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 9720 Tenn JONES W H 8445 Okla JONES W W 1315 Calif JOPPA L R 7680 N Dak
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES W S 9280 S C JONES W A 7460 N C JONES W D 470 Ariz JONES W F 5700 Miss JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 9720 Tenn JONES W H 8445 Okla JONES W W 1315 Calif JOPPA L R 7680 N Dak JORDAHL EDNA K Mrs 5580 Minn
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JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES W S 9280 S C JONES W A 7460 N C JONES W D 470 Ariz JONES W F 5700 Miss JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 17 2110 Fla JONES W H 1315 Calif JONES W W 1315 Calif JONES W W 1315 Calif JOPPA L R 7680 N Dak JORDAHL EDNA K Mrs 5580 Minn JOREAHL H C 11760 Wis JORDAN BETH C 10950 Va JORDAN C W 5700 Miss JORDAN C W 5700 Miss JORDAN EDANCES 7450 N C
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JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES W S 9280 S C JONES W A 7460 N C JONES W D 470 Ariz JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 9720 Tenn JONES W H 1315 Calif JONES W W 1315 Calif JOPPA L R 7680 N Dak JORDAHL EDNA K Mrs 5580 Minn JORDAHL EDNA K Mrs 5580 Minn JORDAN C R Jr 2430 Ga JORDAN C R JR 243
JONES S C 8530 Oreg JONES SIMMIE M Miss 2890 Ga JONES T J 2560 Ga JONES T L 7960 Ohio JONES T L 8060 Ohio JONES T L 8130 Ohio JONES W S 9280 S C JONES W A 7460 N C JONES W D 470 Ariz JONES W F 5700 Miss JONES W H 9720 Tenn JONES W H 9720 Tenn JONES W H 1315 Calif JONES W W 1315 Calif JOPPA L R 7680 N Dak JORDAHL EDNA K Mrs 5580 Minn JORDAHL EDNA K Mrs 5580 Minn JORDAN C R Jr 2430 Ga JORDAN G L 520 Ariz JORDAN G L 520 Ariz JORDAN G L 520 Ariz JORDAN J P 1510 Colo JORDAN MILDRED N 11050 Va JORDAN MILDRED N 11050 Va JORDAN MILDRED N 11050 Va
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 KAISER C J 4140 Ky
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JURINAK J J 10575 Utah KARSCH NORAH Mrs 3260 III

JUSTIN J R 7050 N J KARTCHNER E C 10395 Utah

JUSTUS F E Jr 4180 Ky KARTCHNER EUGENE 10580 Utah

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LOGANSH 960 Cairf LOGGINSPE 2030 Fla LOGUEHE 135 Ala LOGSDONCE 290 Alaska LOGSDONCE 300 Alaska LOHERWJ 800 Calif LOHMANTG 3260 Iil LOHMANNKBJr 3455 Ind LOHMILLERRG 7230 N Mex LOKENKI 5650 Minn LOSMANEYWF 3320 III LOMBARDPB 8720 Oreg LONGBF 8780 Pa LONGBERTANEL Mrs 3530 Ind LONGCE 4000 Kans LONGCE 4000 Kans LONGCE 3040 Hawaii LONGDE 2000 Fla LONGDE 2000 Fla LONGDE 3040 Oreg LONGJF 8520 Oreg LONGJF 8520 Oreg LONGJF 8520 Oreg LONGJF 8520 Oreg LONGJF 8540 Ohio LONGJS 11280 Wash LONGJT 10000 Tex LONGJACK 3430 Ind LONGOH 9855 Tenn LONGR B 3110 Idaho LONGR C 7400 N C LONGS K 2240 Fla LONGTA 8750 Pa
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LOGANSH 960 Cairf LOGGINSPE 2030 Fla LOGUEHE 135 Ala LOGSDONCE 290 Alaska LOGSDONCE 300 Alaska LOHERWJ 800 Calif LOHMANTG 3260 Iil LOHMANNKBJr 3455 Ind LOHMILLERRG 7230 N Mex LOKENKI 5650 Minn LOSMANEYWF 3320 III LOMBARDPB 8720 Oreg LONGBF 8780 Pa LONGBERTANEL Mrs 3530 Ind LONGCE 4000 Kans LONGCE 4000 Kans LONGCE 4000 Fla LONGDE 2000 Fla LONGDE 2000 Fla LONGDE 3040 Oreg LONGJB 8520 Oreg LONGJF 8040 Ohio LONGJS 11280 Wash LONGJS 11280 Wash LONGJ T 10000 Tex LONGJOH 9855 Tenn LONGOH 9855 Tenn LONGCR 3430 Ind LONGCR 7400 N C LONGSK 2240 Fla LONGBOTHAMMARIONW 11660 Wis
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LOGANS H 960 Cairf LOGGINS P E 2030 Fla LOGUE H E 135 Ala LOGSDON C E 290 Alaska LOGSDON C E 300 Alaska LOHER W J 800 Calif LOHMAN T G 3260 Iil LOHMANN K B Jr 3455 Ind LOHMILLER R G 7230 N Mex LOKEN K I 5650 Minn LOSMANEY W F 3320 III LOMBARD P B 8720 Oreg LONG B F 8780 Pa LONG BERTANEL Mrs 3530 Ind LONG C E 4000 Kans LONG C E 4000 Kans LONG D E 2000 Fla LONG D E 10880 Va LONG D R 8520 Oreg LONG J B 8570 Oreg LONG J B 8570 Oreg LONG J F 8040 Ohio LONG J T 10000 Tex LONG J T 10000 Tex LONG J T 10000 Tex LONG D R 8520 Oreg LONG J T 10000 Tex
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LOGANS H 960 Cairf LOGGINS P E 2030 Fla LOGUE H E 135 Ala LOGSDON C E 290 Alaska LOGSDON C E 300 Alaska LOHER W J 800 Calif LOHMAN T G 3260 III LOHMANN K B Jr 3455 Ind LOHMILLER R G 7230 N Mex LOKEN K I 5650 Minn LOSMANEY W F 3320 III LOMBARD P B 8720 Oreg LONG B F 8780 Pa LONG BERTANEL Mrs 3530 Ind LONG C E 4000 Kans LONG C E 4000 Kans LONG D E 2000 Fla LONG D E 10880 Va LONG D R 8520 Oreg LONG J B 8570 Oreg LONG J B 8570 Oreg LONG J F 8040 Ohio LONG J T 10000 Tex LONG J T 10000 Tex LONG J T 10000 Tex LONG D R 8700 Pa LONG J T 10000 Tex L
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LONGWELL T J 9730 Tenn
LONE L D 546 Ariz
LONNOUIST J H 11570 Wis
LOOMER C W 11620 Wis
LOOMER C W 11760 Wis
LOOMER C W 11760 Wis
LOVE L D R 4150 Tex
LOOMER C W 11760 Wis
LOVELL D R 4150 Ky
LOOMIS C P 5410 Mich
LOVELL D R 4150 Ky
LOOMIS C W 7250 N Y
LOVELL J E 3380 III
LOOMIS R A 11230 Wash
LOVELL R T 137 Ala
LOOMIS R M 6040 Mo
LOVELL W G 3710 Iowa
LOOMIS R S 900 Calif
LOVORN R L D CSRS
LOOMIS W E 3670 Iowa
LOONEY L S90 Ark
LOW P G 5650 Minn
LOOPE K E 10880 Va
LOOPE K E 10880 Va
LOOS W E 4490 La
LOOS W E 4490 La
LOOPER G M 320 Ariz
LOW P F 3420 Ind
LOPER G M 320 Ariz
LOWE J E 7250 N Y
LOPER G M 320 Ariz
LOWE J E 7250 N Y
LOPE ALBERTY LC 8950 D B
 9090 PR
         9090 P.B.
  LOPEZ MILAGROS QUINONES de Mrs
 LORD W B 11760 Wis
LORD W B 11620 Wis
LORD W J 5120 Mass
 LORD W B 11620 Wis

LORD W J 5120 Mass

LOYACANO A F 4580 La

LORENDO JANE Mrs 160 Ala

LOYACANO H A 9365 S C

LORENZ F W 905 Calif

LORENZ O A 1130 Calif

LORENZ R W 3340 Ill

LORENZEN COBY Jr 980 Calif

LOZADA ANTONIA PRINCIPE de Mrs

9090 P R

LOZANO E A 6310 Mont

LORENZEN R T 7250 N Y

LORENZI SUSANA JULIA de Mrs 9040

P R

LORIMOR J C 6510 Nebr

LUK C 8650 Oreg

LUY C 8320 Okla

LUBINUS LOUIS 9600 S Dak
LOVE E L 610 Ark
  LOVE G M 5990 Mo
LOVE H.G. 4180 Ky
LOVE J.E. 4510 La
LOVE J.N. 5850 Miss
LOVE J.R. 11800 Wis
LOVE J.W. 7500 N.C
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LOW FLORENCE W Mrs 10100 Tex LOW FLORENCE W Mrs 10140 Tex LOWE JH 6396 Mont LOWNSBERRY B F 1070 Calif LCWHEY R S 2360 Ga LOWRIE P M 50 Ala LOWRY A C 7250 N Y LOY J B 9740 Tenn LOY RG 4315 Ky LUCKHAM W R 10880 Va LUCKHAM W H 10880 Vd LUCKMANN W H 3310 III LUDINGTON D C 7250 N Y LUDWICK T M 7910 Ohio LUDWICK T M 7940 Ohio LUDWICK T M 8080 Ohio

LUDWICK-MAHLSTEDE

LUDWICK TM 8110 Ohio
LUDWICK TM 8210 Mich
LUDWICK T

MARINETTE I P 5/90 Result
MARINETTE I COSTO Cost
MARINETTE I COSTO C

MARTIN-MAY

MARTIN E.C. 5280 Mich.

MARTIN

MAY J D 5830 Miss MAY J E 440 Ariz MAY J T 2480 Ga MAY M L 11910 Wyo MAY R G 3420 Ind MAY M L 11910 Wyo MAY R G 3420 Ind MAYER D T 5950 Mo MAYER L V 3690 Iowa MAYER MS 2090 Fla MAYES HF 6000 Mo MAYES H V 400 Artz MAYES M. KINLEY 460 La MAYES R L 625 Ark
MAYEUX J V 1540 Colo
MAYEUX M M 4430 La
MAYFIELD CECIL 100 Ala MAYHEW W W 1295 Calif MAYLANE H F 10575 Utah MAYNARD CECIL 8320 Okla MAYNARD CECIL 8320 Okla
MAYNARD D N 5120 Mass
MAYO S C 7530 N C
MAYCL MARIA L 9030 P R
MAYROSE V B 3430 Ind
MAYS G C 9850 Tenn
MAY ON T L 125 Alz
MAZELIS MENDEL 1010 Calif
MAZUR MARGARET T Mrs 350 Anz MAZUR MARGARET T Mrs 350 Ariz
MAZURAK A P 6410 Nebr
McADAMS V E 3860 Koms
McALARAGH J P 9690 S Dak
McAFEE T E 10180 Tex
McALARAGE AND MCALARAG McAFEE T E 10180 Tex
McALEXANDER R H 8730 Pa
McALEXANDER R H 8780 Pa McCAIN A II 605 Cull McCAIN C S 40 Ala McCAIN C S 210 Ala McCAIN J A 3840 Kans

 MAY BEATRICE M
 6990
 N J
 McCANNON NELLIE R
 11740
 Wis
 McCORMICK F B
 7960
 Ohio

 MAY DORIS L
 9210
 R I
 McCANTS C B
 7540
 N C
 McCORMICK F B
 8130
 Ohio

 MAY J D
 5830
 Miss
 McCARL R L
 8900
 Pα
 McCORMICK F G
 420
 Ariz

 MAY J E
 440
 Ariz
 McCART G D
 10830
 Vq
 McCORMICK J A
 6690
 Nev
 McCART G ⊃ 10830 Va McCARTER S M 2530 Ga McCARTHY HELEN 6260 Mont
McCARTHY R D 8770 Pa
McCARTHY R D 8770 Pa McCARTHY HELEN 6260 Mont
 McCARTHY R D 8770 Pa
 McCARTOR M M 10295 Tex
 McCARTOR M M 10295 Tex
 McCARTY C D 1340 Cahi
 McCARTY I D B10 Tenn
 McCARTY J B 9810 Tenn
 McCARTY J W 9520 S Dak
 McCARTY M 6 410 Nebr
 McCARTY M 6 410 Nebr
 McCARTY R E 7255 N Y
 McCARTY R E 7255 N Y
 McCARVER O W 6290 Mont
 McCARVER T H 67C Ark
 McCASKILL W R 9310 S C
 McCASLIN B D 5640 Minn
 McCAUGHEY W F 350 Ariz
 McCAUGHEY W F 350 Minn
 McCAUGHEY V F 350 Minn
 McCAUGHERTY F S 11010 Va
 McCLANG HERTY F S 10840 Va
 McCLAY D R 8790 Pa
 McCLEAVE M P 7650 N C
 McCRACKE K J 10060 Tex McCARTHY R D 8770 Pa
McCARTNEY M G 2550 Ga
McCARTOR M M 10295 Tex
McCARTY C D 1340 Calif MACAMAS VE. 3900 Nulls
MACALARAID P. 9690 S. Cas
MACALARAID P. 9690 S. Cas
MACALARAID P. 9690 S. Cas
MACLAY D. R. 8790 P. Cas
MACALARAID P. 9700 P. Cas
MACALARAID P. 9700 P. Cas
MACALARAID P. 9700 P. Cas
MACALARAID S. C. Cas
MACALARAID S. C
 McCAIN C S
 40 Ala
 McCOMBS C L
 7500 N C
 McDANIEL I N
 4/20 Me

 McCAIN C S
 210 Ala
 McCONACHY GAIL S
 1880 Del
 McDANIEL J S
 1850 Del

 McCAIN J A
 3840 Kans
 McCONE W C
 9520 S Dak
 McDANIEL M C
 670 Ark

 McCALEB J E
 2240 Fla
 McCONKIE G W
 7250 N Y
 McDANIEL M C
 670 Ark

 McCALL J C
 2000 Fla
 McCONNELL J C
 9290 S C
 McDANIEL M E
 10180 Tex

 McCALL MARY
 3380 Okla
 McCONNELL J L 5880 Miss
 McDANIEL N R
 185 Ala

 McCALL N W
 2910 Hawan
 McCONNELL J W 6700 N H
 McDANIEL R G
 570 Ark

 McCALL N W
 2910 Hawan
 McCONNELL PEGGY A
 5170 Mass
 McDANIEL R G
 320 Ariz

 McCALL A F F 76C Calif
 McCONNELL STEWART 10230 Tex
 McDANIEL R G
 720 Oreq

 McCALLA F F 870 Calif
 McCONNELL WILLIAM 1435 Calo
 McDERMID R W
 4490 La

 McCALLA T M 6410 Nebr
 McCONNELL STEWART 10230 Mont
 McDANIEL R G
 3090 Idaho

 McCALLUM B A 3230 Idaho
 McCORMERC D 960 Calif
 McD

McCORMICK L H 8840 Pa McDANIEL G H 190 AId
McDANIEL I N 4720 Me
McDANIEL J C 3360 Ill
McDANIEL J S 1850 Del
McDANIEL M C 670 Ark
McDANIEL M E 10180 Tex McDONALDHH 490 Ariz McDONALDHJ 7770 N. Dak. McDONALDJE 9450 SC

McDONALD-McQUESTEN

McDONALD 17 1950 Cove

SCHOOLAND 18 1950 Cove

MCDONALD 17 1950 Cove

MCDONALD 17 1950 Cove

MCDONALD 18 1950 Cove

MCDONALD 19 1950 Cove

MICHIGAN R A 3730 Town
MICHAEL TO 4350 La
MICHAEL T

MICHAELSON-MINOCHA

MCHARLEON E. I. 710 Made
MCHER R. 1910 Made
MCHER R

MINOCICA HO TIME NO
MINOCICA HO TIME NO
MINOCICA HO TIME NO
MINOCICA HO SALE
MINOCICA HO SA

MORELAND-MULKERN

MORELAND LE 700 N C
MORELAND LE 700 N C
MORELAND LE 1430 Colo
MORELAND LE 1370 Colo
MORE

MULENCE 1 F 1000 Tes

MILEADY I F 1000 Tes

MILEADY C 220 GB

MILEADY C 220 GB

MILEADY C 200 GB

MILEADY C 240 KP

MILE

NASSER-NIELSEN

MASSER DIG 2500 PG

MASSER NICLES

MASSER DIG 2500 PG

MASSER DIG 2500 NH

MASSER DIG

MELISEN D R 1155 ONIT

MELISEN D R 155 ONIT

MELISEN D R 15

OGDEN-OVERMAN

OVERTREET SIBLE S 1700 Miss

CYCRYON TO 1900 Tests

OVERTREET J 700 Miss

CYCRYON MAY STORY ON THE PARTIES T 100 Gists

OVERTREET J 700 Miss

CYCRYON MAY STORY ON THE PARTIES T 100 Gists

OVERTREET J 700 Miss

CYCRYON MAY STORY ON THE PARTIES T 100 Gists

OVERTREET J 700 Miss

CYCRYON MAY STORY ON THE PARTIES T 100 Gists

OVERTREET J 700 Miss

OVERTR

PARVIN-PEREZ

PARTIEL TOTAL Dawn Decomposition of the property of the proper

PEREZ-PICKETT

PRESCRIPTIONIZED AGRICUMD GOOD PH
PRESCRIPTIONIZED GOOD

PICKREL -POTTER

PICKREL-POTTER

PICKREL-L J 550 bas | PICKREL S 960 S C | PICKREL

OUTTER H. S. 220 Mich OTTER HELEN C. 3300 fed OTTER H. M. 1000 No. All OTTER H. M. 1000 No. All OTTER H. M. 1730 N. Y. ATTERS P. S. 1730 N. Y. ATTERS

PRONOVOST LOIS C Mrs 7670 N. Dak.

QUANCE-READ

 QUANCE C L
 8,320
 Okla
 RAHN A P
 3690
 Iowa
 RANNEY T A
 10790
 Vt

 QUANN T R
 11280
 Wash
 RAHN E M
 1890
 Del
 RANTA R R
 4210
 Ky

 QUAST J F
 5650
 Minn
 RAINS D W
 900
 Calif
 RAO A G
 10050
 Tex

 QUATTLEBAUM B H
 2690
 Ga
 RAITANO ELIZABETH D Mrs
 9120
 RAO D B
 1410
 Colo

 QUENEMOEN M E
 6230
 Mont
 RAITT D D
 5970
 Mo
 RAO D S V
 5830
 Miss

 QUESENBERRY C P
 7550
 N C
 RAJAMANNAN A H
 5480
 Minn
 RAO G H R
 5550
 Minn

 QUESENBERRY EVELYN P Mrs
 5560
 RAJU P K
 10050
 Tex
 RAO M R R
 4480
 La

 Minn
 RAKES A H
 7380
 N C
 RAPER K B
 11580
 Wis

 QUICK G B
 3710
 Iowa
 RAKESTAW LAWRENCE
 5457
 Mich
 RAFE G E
 880
 Calif

</tabl QUICK G R 3710 Iowa QUICK J S 7680 N Dak QUICK JAMES 1175 Calif QUIMBY D C 6320 Mont QUIMBY P C Jr 7230 N Mex QUINN DO 11440 W Va QUINN EMILY H Mrs 7450 N C QUINN J A 3280 III QUINN L A 10030 Tex QUINN WM 6340 Mont QUINN WM 6340 Mont QUINONES F A 7090 N Mex QUINONES GANDULLA IRAIDA 9090 PR QUINONES JA 9030 PR QUINONES ROSAURA FERRER de Mrs 9090 PR QUISENBERRY J H 10160 Tex QURAISHI M S 7800 N Dak QURAISHI AKHTAR S Mrs 7820 N. Dak.

RAABERD 850 Calif RAATSPA 11800 Wis RABAS D L 5680 Minn RABB J L 4580 Lα RABB R L 7440 N C RABINOWITZ J C 770 Cohf

RABURN J A 2390 Ga

RACCO S D 6050 M J RACESE 6950 NJ RACKER EFRAIM 7255 NY RACUSEN E W 10785 Vt RADCLIFFE E B 5550 Minn

R I
RAITT D D 5970 Mo
RAJAMANNAN A H 5480 Minn
RAJU P K 10050 Tex
RAKES A H 7380 N C
RAKES J M 570 Ark
RAKESTAW LAWRENCE 5457 Mich
RALEIGH R J 8720 Oreg
RAPP MARY RUTH 6530 Nebr RAKESTAW LAWRENCE 5457 Mich
RALEIGH R J 8720 Oreg
RALSTON A T 8470 Oreg
RAMAGE C H 6890 N J
RAMAGE D R 2360 Ga
RAMAGE R T 320 Ariz
RAMGE J C 10220 Tex
RAMIG R E 8720 Oreg
RAMIREZ CARMEN M PEÑA de Mrs 9040 PR
RAMIREZ CARMEN T Mrs 9030 PR
RAMIREZ J M 7860 N Dak
RAMIREZ JUDITH F Mrs 9090 PR
RAMIREZ JUDITH F Mrs 9090 PR
RAMIREZ CLIVERAS GUMERSINDO
RAMIREZ CLIVERAS GUMERSINDO
RAMIREZ ORTIZ ARIEL 9030 PR
RAMIREZ ROMAN RAMON A 9090
RASMUSSEN ARLETTE I 1880 Del
RASMUSSEN H P 5350 Mich
RASMUSSEN J L 1410 Colo
RASMUSSEN J L 1410 Colo
RASMUSSEN J L 1410 Colo
RASMUSSEN L W 11180 Wash
RAMIREZ ROMAN RAMON A 9090
RASMUSSON D C 5470 Minn
PR
RASMUSSON R F 6260 Mont
RASMUSSON R F 6260 Mont 9040 PR RAMIREZ TORRES O D 9010 PR RAMOS CARO CESAR 9030 PR RAMOS CARO O 9090 PR RAMOS EDDA G FERRER de Mrs 9090 PR RAMOS GLORIA M GIRAU de Mrs 9090 RAMOS IRIS C 9090 PR RAMOSJA 9040 PR RAMOS J CARO 9090 PR RAMOS NESTOR 8940 PR RAMOS REYES B J 9090 PR RAMOS REYES B J 9090 P R
RAMPTON H H 8560 Orey
RAMSDELL G E 4670 Me
RAMSEUR BESSIE B Mrs 7450 N C
RAMSEUR BESSIE B Mrs 7645 N C
RAMSEY C E 5630 Minn
RAMSEY C E 5630 Minn
RAMSEY CHARLES 10145 Tex
RAMSEY BESSIE B Mrs 7880 N C
RAMSEY H A 7380 N C
RAMSEY J S 137 Ala
RAMSEY J S 220 Ala
RAWLS H D 7530 N C RADCLIFFE E B 5550 Minimizer RADELIFF R D 10260 Tex RADER E K 11135 Va RAMSEY F K 3820 Iowa RADER E R 7940 Ohio RAMSEY J S 137 Ala RAVELING G R 4860 Md RADER E R 8110 Ohio RAMSEY J S 137 Ala RAVELING G R 4860 Md RADER HELEN L 9830 Tenn RAMSEY J S 220 Ala RAWLS H D 7530 N C RADER L L 11240 Wash RAMSEY R J 4300 Ky RAWLES R L 520 Ariz RADES R J 3460 Ind RAMSEYER MARY A Mrs 6050 Mo RAWLINGS C O 8630 Oreg RADEWALD J D 1300 Calif RAMUSSON D C 5470 Minn RAWLINGS C O 8630 Oreg RADEWALD J D 1340 Calif RANCK MERRILL 3560 Ind RAWLINS W A 7250 N Y RADEWALD J D 1340 Calif RANCK MERRILL 3560 Ind RAWLINS W A 7250 N Y RADEWALD J D 1360 Colif RAND A G Jr 9150 R 1 RAY B W 3250 III RADKE J K 5640 Minn RAND J J 1460 Colo RAND R B I 1840 Wis RAY D A 7900 Chio RADMALL M B 6610 Nev RAND R E 11840 Wis RAY D A 8070 Ohio RAP D E 340 Ariz RANDALL W K 5880 Miss RAY D E 3600 Iowa RAY D E 3600 Iowa RANDELL ROSCOE 3310 III RAY FELICIA A 2500 Ga RAY E F 7100 N Mex RANDELL ROSCOE 3310 III RAY FELICIA A 2500 Ga RAY L L 10295 Tex RAEE M 260 Alaska
RAESE J T 224C Fla RANDELL W R 3000 MRSS
RAFELD F J 2440 La RANDELL P F 9030 P R RAY E E 7100 N Mex
RAFELD F J 4400 La RANDELL ROSCOE 3310 III RAY FELICIA A 2500 Ga
RAFFEL M W 8876 Pa RANDELE S 6910 N J RAY K R 5750 Miss
RAFFENSPERGER E M 7250 N Y RANDOLPH H E 10040 Tex
RAGGI L G 1178 Calif RANDOLPH N M 10090 Tex
RAGGI L G 1178 Calif RANDOLPH N M 10090 Tex
RAGHEB H S 3440 Ind RANDOLPH T C 8420 Okla RAY NOREEN 1630 Conn
RAGHU KANTHADAI 3370 III RANDOLPH U A 10300 Tex
RAGLAND J B 570 Ark RANEY E C 7255 N Y RAY R M 9724 Tenn
RAGLAND J B 590 Ark RANEY R J 3850 Kans RAY R S 8040 Ohno
RAGLAND J L 4140 Ky RANEY R J 4010 Kans
RAGLAND J L 4140 Ky RANGE J E 6550 Nebr RAYMAN M M 4 CSRS
RAGLAND T E 940 Calif RANKIN B J 7100 N Mex
RAGLAND T E 940 Calif RANKIN G F 7580 N C
RAGSDALE B J 10145 Tex
RANKIN J OHN 11760 Wis
RAGSDALE B J 10145 Tex
RANNIN G F 7640 N C
RAGSDALE J M 5970 Mo
RAGUSE C A 900 Calif RANN BETTY W 5430 Mich
RAGNEY R W 8740 Pa
RANDELL W R RANNEY R W 8740 Pa
RANDELL W R RANNEY R W 8740 Pa
READ C H 4190 Ky

RAPPAPORT LAWRENCE 1130 Calif RAPPLEYERD 4830 Md RASCHKE KLAUS 5270 Mich RASK NORMAN 7960 Ohio RASK NORMAN 8130 Ohio RASKI D J 1070 Calif RASKOPF B D 9724 Tenn RASMUSEN B A 3260 Ill RASMUSSEN ALBIE C Mrs 3990 Kans RATAJCZAK HELEN V 350 Ariz RATCHFORD C B 6020 Mo RATCLIFF LANTIS 570 Ark RATCLIFF TILLIEN Mrs 3530 Ind RATHBUN R E 1410 Colo RATHMELL J K Jr 8860 Pa RATTERREE W B 2420 Ga RATKE CHRISTINE C 5430 Mich RAUCH F D 3760 Iowa RAUCH F D 5800 Miss RAUCH MARIAN D Mrs 5790 Miss RAUCH MARIAN DMrs 5790 RAULSTON JC 2240 Fla RAULSTON JR 10310 Tex

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RIBELIN-ROBERTS

RIBELIN W E 11810 W1s RIBLE J M 1340 Calif RICAUD RAY 4350 La RICCIUTI H N 7260 N Y RICE B B 7770 N Dak RICE C E 2420 Ga RICE C E 3690 Iowa RICE F P 4760 Me RICE I B 10125 Tex RICE J C 7400 N C RICE R E 990 Calif RICE R E 990 Calif RICE R E 1357 Calif RICE R E 1357 Calif RICE R B 1770 N Dak RICE R E 990 Calif RICE R B 1870 Wyo RICE RICHARD 1270 Calif RICE R B 1870 Wyo RICE RICHARD 1270 Calif RICE R W 1880 Md RICE W N 5160 Mass RICH W 5090 Mass RICH A E 6740 N H RICH C I 10830 Va RICH R M 9555 S Dak RICH R M 9555 S Dak RICH R M 9555 S Dak RICHARDS A G 5550 Minn RICHARDS A G 5550 Minn RICHARDS B L 10410 Utah RICHARDS B H 414C Ky RICHARDS B H 4040 Utah RICHARDS B H 3920 Kans RICHARDS B H 4040 Utah RICHARDS B H 10290 Tex RICHARDS B H 10290 Tex RICHARDS B H 10290 Tex RICHARDSON B B 10290 Tex RICHARDSON C W 10295 Tex RICHARDSON DRAYTFORD 3860 Ke RICHARDSON C W 10295 Tex RICHARDSON G A 8580 Oreg RICHARDSON G A 8580 Oreg RICHARDSON DRAYTFORD 3860 Ke RICHARDSON G B 10524 Utah RICHARDSON D B 2 10500 Okla RICHARDSON M K 9360 S C RICHARDSON M R 936	
RICK C M Jr 1130 Calif RICKARD C G 7280 N Y RICKETTS G E 3260 III	

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        RICKETTS R L
        6000 Mo
        RITTENHOUSE E B
        8720 Oreg

        RICKEY G F
        7310 N Y
        RITTER C M
        8860 Pa

        RICKS D J
        5250 Mich
        RITTER W F
        3710 Iowa

        RICKSON R E
        5630 Minn
        RITZMANN BARBARA J
        4910 N

RIDGEL GERTRUDE L Mrs 4330 Ky
RIDGEWAY D L 7550 N C
RIDGWAY R L 10090 Tex
RIDLEN S F 3260 III
RIDLEY I R 3100 Tex
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RICKSON R E 5630 Minn

RICKSON R E 5630 Minn

RICKSON R E 5630 Minn

RITZMANN BARBARA J 491C Md

RIVELAND N R 7880 N Dak

P R

RIVERA ALMA L COLLAZO de Mrs
                                                RIDGEWAY R L 10090 Tex

RIDLEN S F 3260 III

RIDLEY J R 3190 Idaho

RIVERA BAEZ S 9090 P R

RIDLEY S C 4740 Me

RIVERA BRENES LUIS 8950 P R

RIEBEL L JEANNE 8880 Pa

RIECK C F 9280 S C

RIECK R E 11620 Wis

RIECK W L 7440 N C

RIECKEN F F 3630 Iowa

RIECKEN F F 3630 Iowa

RIEGLE G D 5430 Mich

RIEHL HERBERT 1410 Colo

RIEHL L A 1270 Calif

RIVERA GARCIA SONIA M 9090 P R

RIVERA GARCIA SONIA M 9090 P R

RIVERA GARCIA SONIA M 9090 P R
RIECEN F F 3630 Iowa
RIEGLE G D 5430 Mich
RIEHL HERBERT 1410 Colo
RIEHL LA 1270 Calif
RIEKE P E 2.30 Mich
RIEKER HANS 11375 Wash
RIEMANN DOROTHEA 7170 N Mex
RIEMANN J G 7800 N Dak
RIEMA ALFONSC 9040 P R
RIES S K 5350 Mich
RIET D C 2050 Fla
RIGGS J F III 400 A riz
RIGGNEY J A 7370 N C
RIKER J I V C LO
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RINGRER W 8000 C G ROBERSON R H 7210 N Mex
                                 RINGROSE R C 6720 N H
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RINGROSE R W 7990 Ohio
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RINGUETTE C M O CSRS
RINK GEORGE 98.5 Tenn
RINNE R W 3250 III
RISER GENE 15310 Mich
RIPPEN A L 5310 Mich
RIPPEN A L 5310 Mich
RIPPER R 7250 N Y
RISER GENE 15125 Tex
RISHEL L E 8840 Pa
RISHER C F 9440 S C
RISING ALICE Mrs 7820 N Dak
RISIUS M L 8740 Pa
RISTIC MIODRAG 3380 III
RITCHER P O 8530 Oreg
RITCHEY S J 10962 Va
RITCHIE A E 7890 Ohio
RITCHIE A E 7970 Ohio
RITCHIE A E 7970 Ohio
RITCHIE R R 9290 S C
RISHERS J B 3880 Kans
ROBERTS J H 7470 N C
ROBERSON R H 7210 N Mex
ROBERTS A N 8630 Oreg
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ROBERTS L P 4770 Me	
ROBERTS L P 4770 Me ROBERTS L W 90 Ala	
ROBERTS N K 10440 Utah	
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ROBERTS STEVE 11190 Wash	
ROBERTS W C 4435 La	
NODENIS W.C. 4433 Ld	
ROBERTS W J 6940 N J	
ROBERTS W M 7460 N C	
ROBERTSON B R 4180 Ky	
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ROBERTSON B T 210 Ala	
ROBERTSON C E 400 Ar.z ROBERTSON C J 5112 Mass ROBERTSON D S 3740 Iowa	
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ROBERTSON JC 4130 Ky	
PODEDTSON IC 4150 Ky	
MORERISON JC 4130 Ky	
ROBERTSON J C 4150 Ky ROBERTSON J C 1510 Colo ROBERTSON J H 6685 Nev	
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DOSEDERON IN 4000 NOV	
ROBERTSON : K 4290 Ky	
ROBERTSON J W 2450 Ga ROBERTSON C = 230 Mich	
POPERTON C FIRM Mich	
NODEN 130.V L Z30 MICH	
ROBERTSON R L 7440 N C	
ROBERTSON R M 10820 Va	
ROBERTSON F M 10820 Va ROBERTSON R R 5780 Miss ROBERTSON W K 2200 Fla	
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ROBICHAUX WAYNE 4530 La	
ROBINS J S 11180 Wash	
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ROBYT J F 3660 Iowa
ROCHE' B F Jr 11290 Wash
ROCHE E H 8215 Ohio
ROCHESTER E W 120 Ala
ROCHESTER M C 9340 S C

        ROCHESTER M C
        9340 S C
        ROGERS C H
        7420 N C

        ROCHET FERDINAND
        9090 P R
        ROGERS C J
        2010 Fla

        ROCHOW W F
        7250 N Y
        ROGERS C N
        7470 N C

HOCK G C 7440 NC
ROCK R C 1340 Calif
ROCKCASTLE V N 7250 N Y
ROCKEY M B 8730 Pa
ROCKWOOD % G 3290 III
RODABAUGH D E 6100 Mo
RODEFELD R D 5410 Mich
RODER L J 3560 Ind
RODERICK C V 5990 Mo
RODERUCK CHARLOTTE 3750 Iowa
RODGERS A S 10070 Tex
RODGERS AVA D 630 Ark
RODGERS D 3805 lowa
RODGERS E G 2020 Fla
RODGERS J B 8520 Oreg
RODGERS J D 10145 Tex
RODGERS J G 600 Ark
RODGERS J P 6065 Mo
RODGERS P D 2420 Ga
RODNEY DR 470 Ariz
RODGERS S J 6220 Mont
RODKEY L C 3880 Kan
RODRIGUEZ A J 8990 P R
RODRIGUEZ AIDA E PAGAN de Mrs
 9090 P R
RODRIGUEZ ANTONIA PARDO de Mrs
   9090 P.R
 RODRIGUEZ ARIAS H 9090 PR
 RODRIGUEZ ARIAS J H 8970 PR
 ROLRIGUEZ ASELA FERRER de Mrs
    9090 PR
 RODRIGUEZ BENITEZ VICTOR 9020
 RODRIGUEZ CABRERA ANGEL 9030
 RODRIGUEI CARMEN L 9090 PR
 RODRIGUEZ CARDONA FERNANDO
    9030 PR
 RODRIGUEZ D L 9090 PR
 RODRIGUEZ DIAZ EDNA L 9090
 RODRIGUEZ EDNA SANTANA de Mrs
    9090 PR
 RODRIGUEZ ESTHER J P 9090 P R RODRIGUEZ GARCIA J A 9030 P R
 RODRIGUEZ GEIGEL ANTONIO 9080
    PR
 RODRIGUEZ JA 9090 PR
 RODRIGUEZ J G 4200 Ky
 RODRIGUEZ J W 9090 P R ROLRIGUEZ L S 9090 P R
 RODRIGUEZ LEIDA 9090 P.R.
 RODRIGUEZ ORTIZ ESTHER 9090
 RODRIGUEZ RITA L Miss 8940 P R RODRIGUEZ RIVERA JOSE 8930 P R
 RODRIGUEZ S J 9030 P R
RODRIQUEZ V R 9090 P R
 RODRIGUEZ-KABANAR 60 Ala
 RODRIGUEZ REYNALDC 5350 Mich
 RODRIGUEZ SOSA E J 8990 PR
RODWELL V W 3440 Ind
ROE A L 6396 Mont
ROE T L 5520 Minn
 ROEHRKASSE G P 11850 Wyo
 ROELFS A P 5610 Minn
 ROELOFS E W 5365 Mich
 ROELCES W L 730C N Y
 ROEMHILD G R 6320 Mont
 BOESEL O.E. 3560 Ind.
 ROESSLER EB 1060 Calif
 ROFIH PW 3450 Ind
ROEVER W E 9840 Tenn
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ROFFLER R E 11610 Wis
        IROGER M KRAMER MS Asst Prof
     ROGERS B J 1315 Calif
ROGERS B L 4920 Md
     ROGERS D T Jr 10930 Va
     ROGERS E A 1560 Colo
ROGERS E B Jr 9360 S C
ROGERS H T 30 Ala
ROGERS H V 9450 S C
RCGERS J D 11290 Wash
ROGERS J D 11320 Wash
    ROGERS J H 9320 S C
ROGERS J R 10180 Tex
ROGERS J T 9370 S C
ROGERS K D 3690 Iowa
ROGERS K M 30 Ala
      ROGERS KATE E 6050 Mo
    ROGERS L F 11230 Wash
ROGERS M J 1383C Vα
ROGERS M J 11010 Vα
     ROGERS M N 6060 Mo
      ROGERS OM 6840 NH
      ROGERS Q R 1178 Calif
      ROGERS R L 4380 La
      ROGERS R R 5930 Mo
ROGERS R W 5710 Miss
ROGERS S J 2010 Fla
ROGERS S N 3850 Kans
       ROGERS W A 137 Ala
      ROGGE R L 5460 Mich
ROGLER J C 3430 Ind
       ROHDE CR 8720 Oreg
       ROHDE R A 5130 Mass
       ROHDY D D 1460 Colo
       ROHRBACH R P 7430 N C
       ROHRER W C 407C Kans
       ROHWEDER D A 11570 Wis
       ROJAS DAPORTA MANUEL 9030
        PR
       ROKEBY TRC 620 Ark
       ROKEY N W 330 Ariz
       ROLAND CHARLES 2350 Ga
       ROLDAN JULIAN 8980 PR
       ROLLER H A 10060 Tex
       ROLFE KATHLEEN 8050 Ohio
       ROLLER M H 9610 S Dak
       ROLLER W L 7980 Ohio
       ROLLER W L 8150 Ohio
ROLLINS F D 500 Ariz
ROLLINS G H 80 Ala
       ROLLINS H A Jr 8020 Ohio
       ROLLINS H A Jr 8180 Ohio
       ROLLINS W C 910 Calif
       ROLLO C A 120 Ala
       ROLON DIAZ M 9090 PR
       ROLSTON D K 11885 Wyo
ROLSTON L H 4435 La
       ROM R C 660 Ark
       ROMAN M A GONZALEZ 8990 PR
       RCMAN TORO JESSE 8980 PR
ROMANE W M 10220 Tex
       ROMANIRJ 1100 Calif
       ROMANKO R R 3190 Idaho
       ROMANOWSKI R R 3540 Ind
       ROMANS J R 3260 III
       ROMMANN L M 8260 Oklo
       ROMSDAL BARBARA J Mrs 1440 Colo
       ROMSDALSD 1375 Colo
ROMSHEFA 8390 Okla
       ROMSOS DALE 3260 Ill
      RONCADORI R W 2530 Ga
RONCO FRANK 1435 Colo
RONEY DARREL 6140 Mo
RONEY J N 440 Ariz
       RONGSTAD O J 11760 Wis
       RONKEN CARMEN P Mrs 5770 Miss
       RONNING MAGNAR 910 Calif
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RONNINGEN-RUSSELL

| ROSA | FILANIES | PART | PAR

RUSSELL MP 3500 Ind

RUSSELL RE 257C G3

RUSSELL SHIFLEY CMS 600 Mas

RUSSELL WA 3630 Iowa

RUSSELL SAIRCE WA 3630 Iowa

RUSSELL WA 3630 Iowa

RUSSE RYRIE I 7255 N Y

RYSER G K 10540 Utah

RYSTAD BEA T Mrs 7820 N Dak

RYUGO KAY 1100 Calif

SANCHEZ ANA I HOLZ GO MEN
P R
SANCHEZ C R S 3980 Kan
SANCHEZ del MORAL JOSEFINA Miss

9000 PR SANCHEZ JI 9090 PR SANCHEZ M.A 9090 PR SANCHEZ JI 9090 PR
SANCHEZ M A 9090 PR
SANCHEZ M A 9090 PR
SANCHEZ M FERDINAND 8930
SARGENT F D 7380 N C
SARGENT F O 10690 Vt
SARGENT F O 6260 Mont
SARGENT R L 3110 Idah
SARGEN SANCHEZ JI 9090 P.R SANCHEZ W.A. 9090 P.R SANCHEZ-NIEVA FERDINAND 8930

SARGENT C A 3460 Ind SARGENT F D 7380 N C SARGENT F O 10690 Vt

SAUFLEY-SCHRANK

SAUFLEY 2 C 480 Ky
SAULT AS JULY 100 Mark
SAU

SCHREIBER HA 370 Aits

SEMEL-SHIRLEY

SCHELL-SHRILEY

SIGNON LM 1250 Coll

SIGNON LM 1250 N N SIGNON LM 1250 Coll

SIGNON LM 1250 N N SI SHIMABUKURO BETTY Z Mrs 2970 Hawaii

STATE OF COMMENT O

SKELTON-SMITH

SKELTON WE 10930 Va SKERSKI GERTRULE 4240 Ky SKIDMORE C J 10500 Utah SKIDMORE E L 3850 Kans SKILLING D D 5610 Minn SKINNER J L 11780 Wis SKINNER M M 1410 Colo SKINNER H E 2420 Ga SKINNER T C 2010 Fla SKOG R E 5365 Mich SKOGERBCE G V 1410 Colo SKOGERBCE G V 1410 Colo SKOGLEY C R 9220 R I SKOGLEY C R 9220 R I SKOGLEY E O 6290 Mont SKOGLUND W C 6720 N H SKOK R A 5570 Minn SKOLD L N 9730 Tenn SKOLD L N 9730 Tenn SKOLD M D 1460 Colo SKOGG RONALD 10145 Tex SKOTLAND C B 11320 Wash SKOWRONSKI BOLESLAW 3370 III SKRABANEK R L 10000 Tex SKROCH W A 7500 N C SKUCIUS ELAINE M 6530 Nebr SKUJINS J J 10400 Utah SKUJINS J J 10575 Utah SLACK D A 670 Ark SLACK S T 7250 N Y SLATE H L 3380 III SLATTER W L 7950 Ohio SLEESMAN J P 7990 Ohio SLEESMAN J P 8155 Ohio SLEESMAN J P 8155 Ohio SLEIGHT L G 3280 III SLEIGHT S D 5430 Mich SLIFE F W 3250 III		
	SMERDON ET 2010 FIG	SMITH F.W. 3840 Mana
SKERSKI GERTRIJLE 1210 KU	SMETZER D.I. 2010 Fid	SMITH W SONO ROLL 1000 B
SKIDMORE C. I. 10500 TIAL	SMETZER D.L. 8040 Onto	SMITH FRANCES Mrs 1880 Del
CKIDMONE C J 10500 Utan	SMIBERT R M 10835 Va	SMITH G A 1375 Colo
SKIDMORE E.L. 3850 Koms	SMICK A A 11330 Wash	SMITH G C 10040 Tex
SKILLING D D 5610 Minn	SMID JOHANNES 7342 N Y	SMITH G.E. 2510 Ga
SKINNER JL 11780 Wis	SMIKA D.E. 6410 Nebr	SMITH G.E. 5935 Mg
SKINNER M.M. 1410. Colo	SWILK DE CCOO MEDI	SMITH G E 3550 MO
SVINNER DE 2420 COIO	SMIKA D.E. 6590 Nebr	5M11H G F 3550 Ind
SKINNER R.E. 2420 Ga	SMILEY JH 4140 Ky	SMITH GG 10420 Utah
SKINNER T C 2010 Fla	SMILEY W L 660 Ark	SMITH GH 7366 NY
SKOGRE 5365 Mich	SMILIE J.L. 4430 La	SMITH GH 7680 N Dok
SKOGERBOE G V 1410 Colo	SMILOWITZ ZANE 8910 D.	SMITH C.I. 1410 Cala
SKOGEROBE B.K. 1510 Colo	CMI OWITZ ZANE COCC E	SMITH GL 1410 COIO
SKOCLEY C.B. 0220 B.t	SMILOWITZ ZANE 886Z Pg	SMITH GL 6/20 NH
CKOCLEVE O 2220 K	SMITCJB 2460 Ga	SMITH GR 4 CSRS
SKUGLEY E O 6290 Mont	SMITH AC 1590 Conn	SMITH G R 10 CSRS
SKOGLUND W C 6720 N H	SMITH ACS: 4460 La	SMITH G.S. 7100 N.Mex
SKOKRA 5570 Minn	SMITH A D 10560 Utah	SMITH G.S. 7680 N. Dak
SKOLDIN 9730 Tenn	CMTH A P 1- 2720 C	CMITH CW 2420 C
SKOLD M.D. 1460 Colo	SMITH A LUCOS COM	SMITH G W 2420 GG
2KOCD W D 1400 COIO	SMITH A H 905 Calif	SMITH GW 11090 Va
SKOOG RONALD 10145 Tex	SMITH AM 10650 Vt	SMITH GEORGIA Mrs 7820 N Dak
SKOTLAND CB 11320 Wash	SMITH A O 11090 Va	SMITH GERTRUDE M Mrs 3720 Iowa
SKOWRONSKI BOLESLAW 3370 III	SMITH B A 10295 Tex	SMITH H A 1460 Colo
SKRABANEK R.L. 10000 Tex	SMITH R I 2755 C	CMTH U C In OCCO Tare
SKBDI A W H 3630 Town	CMITH D.D. 1600 G	CMITTLE TOO TOO
SKBOCH W.A. 7500 N.C.	OWILL DE LOSU Conn	OMITHE 4900 Md
OKNOWN N A 7500 N C	SMITH BW 7480 NC	SMITH H E 10000 Tex
SAUCIUS ELAINE M 6530 Nebr	SMITH BARBARA D Mrs 7550 N C	SMITH HELEN E Mr.: 6545 Nebr
SKUJINS JJ 10400 Utah	SMITH BEATRICE M Mrs 6170 Mg	SMITHING 6620 Nev
SKUJINS J.J. 10575 Titah	SMITH BETTY F MOIN MA	SMITH H 1 7500 N.C
SLACK DA 670 Ark	CMTH CD DOCG D	CAMMILLI ACCO
SI ACK C.T. TODO AIK	SMITH CB 8860 Pa	SMITH H J 9930 Tenn
SLACK S I 725U N Y	SMI.H C C 3880 Kan	SMITH H V 370 Ariz
SLATE W L 1700 Conn	SMITH CD 3240 III	SMITH H W 3140 Idaho
SLATER PL 3380 III	SMITH CF 7440 N.C.	SMITH H W 11190 Wash
SLATTER W.L. 7950 Ohio	SMITH C I 5650 Minn	SMITH I A 1130 HOSE
SLATTER WI 8120 Ohio	SMITH CV 9000 Millin	OLO PER L'ATTIME
SLATTEDY BILLERO M	SWITH CK 8225 Unio	SMITH J A 2400 Ga
SLATILLI F J DOLU Minn	SMITH C M 6290 Mont	SMITH J A 3470 Ind
SLAYBACK R D 520 Ariz	SMITH CN 2000 Fla	SMITH J A 4280 Ky
SLAYTON AR 10930 Va	SMITH CR 7000 NJ	SMITH J.C. 10920 Va
SLEDGE G W 11560 Wis	SMITH C.B. 8040 Obje	SMITH IC 11010 Va
SLEDGE G W 11630 Wis	SMITH CAROLANIA 2500 C	CMITH ID 10150 T
SI FEDER R. D. 7720 M.D. L	SMITH CARULIN M MIS 2500 Ga	SMITH 1D 10150 Tex
CITTOMANIE TOOC TO	SMITH CATHERINE Mrs 8620 Oreg	SMITH J D 100 Ala
ALLESMAN J 1 /990 Ohio	SMITH CATHERINE Mrs 8620 Oreg	SMITH J D 5480 Minn
SLEESMAN J.P. 8155 Ohio	SMITH DB 90 Ala	SMITH J.E. 110 Ala
SLEIGHT L.G. 3280 JH	SMITH D.B. 5750 Miss	SMITH IF ADDO Koma
SLEIGHT S D 5430 Mich	SMITH D C 11570 Wis	CMTH I E I- COCO M
STICKERS ALLEM SACE TO	SMITH DE 11370 WIS	SMITH JE Jr 6060 Mo
MICKENS ALLEN 3435 Ind	SMITHLE 7560 NC	SMITH J H 10575 Utain
SLIFE F W 3250 III	SMITH DG 3280 Ill	SMITH J P 8270 Okla
SLIKER A W 5365 Mich	SMITH D H 2815 Ga	SMITH J P 10240 Tex
SLINKARD A E 3190 Idaho	SMITH D H 5230 Mich	SMITH J S 10910 Va
SLINKMAN ZOE E Mrs 3970 Kons	SMITH D.H. 8700 Orea	SMITH J T 9830 Tenn
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SLOAN ES 7450 N.C.	SMITH D K 1830 Del	CMITH J W 1870 100
SLOAN ANN 1880 Del SLOAN F.S. 7450 N.C.	SMITH D K 1830 Del SMITH D M 120 Ala	SMITH I W 1970 N.C Smith I W 18090 Tex
SLOAN ANN 1880 Del SLOAN FS 7450 N C SLOAN H J 5465 Minn	SMITH D K 1830 Del SMITH D M 120 Ala SMITH D R 1435 Colo	SMITH I W 1570 INC SMITH I W 16090 Tex SMITH JANET A Mrs 7250 N Y
SLOAN ANN 1880 Del SLOAN FS 7450 N C SLOAN H J 5465 Minn SLOAN J T 10145 Tex	SMITH D K 1830 Del SMITH D M 120 Ala SMITH D R 1435 Colo SMITH D R 3370 III	SMITH I W 1970 INC SMITH I W 18090 Tex SMITH JANET A Mrs 7250 N Y SMITH JANICE M 3350 IN
SLOAN ANN 1880 Del SLOAN F S 7450 N C SLOAN H J 5465 Minn SLOAN J T 10145 Tex SLOAN K W 3380 Ill	SMITH D K 1830 Del SMITH D M 120 Ala SMITH D R 1435 Colo SMITH D R 3370 III SMITH D T 10295 Tex	SMITH I W 1970 1.C SMITH I W 18090 Tex SMITH JANET A Mrs 7250 N Y SMITH JANICE M 3350 Ill SMITH JEWEL B Mrs 280 Alaska
SLOAN ANN 1880 Del SLOAN F S 7450 N C SLOAN H J 5465 Minn SLOAN J T 10145 Tex SLOAN K W 3380 Ill SLOAN N F 5457 Mich	SMITH D K 1830 Del SMITH D M 120 Ala SMITH D R 1435 Colo SMITH D R 3370 III SMITH D T 10295 Tex SMITH D V 10350 Tex	SMITH I W 1970 I.C SMITH I W 1909 Tex SMITH JANET A Mrs 7250 N Y SMITH JANICE M 3350 III SMITH JEWEL B Mrs 280 Alaska SMITH K B 600 Ark
SLOAN ANN 1880 Del SLOAN F S 7450 N C SLOAN H J 5465 Minn SLOAN J T 10145 Tex SLOAN K W 3380 Ill SLOAN N F 5457 Mich SLOAN R F 3850 Kmm	SMITH D K 1830 Del SMITH D M 120 Ala SMITH D R 1435 Colo SMITH D R 3370 III SMITH D T 10295 Tex SMITH D V 10350 Tex SMITH D W 7450 N C	SMITH I W 1970 I.C SMITH I W 1000 Tex SMITH JANET A Mrs 7250 N Y SMITH JANICE M 3350 Ill SMITH JEWEL B Mrs 280 Alaska SMITH K B 690 Ark
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SPEAR-STEELE

STEELE SARA M 11630 Wis STEELE SARA M 11660 Wis
STEELE SARA M 11000 WIS STEELMAN C D 4435 La STEEN R W 10350 Tex
STEENSEN D H J 7470 N C STEFFEN HYRUM 10390 Utah
STEGER R Z 7100 N Mex STEGMAN E C 7790 N Dak
STEGMEIR P B 5560 Minn STEGMEIR P B 5620 Minn STEGMEIER W D 9660 S Dak
STEGNER J.F. 1569 Colo STEHR F.W. 5280 Mich
STEIBRJ 4380 La STEIDL ROSE 7260 N Y STEIN ALETHA H Mrs 8880 Pa
STEIN E R 10295 Tex STEIN F M 1510 Colo
STEIN J F 6600 Nev STEIN J F 6650 Nev STEIN R W 343C Ind
STEINBACH D.W. 10145 Tex STEINBECK KLAUS 2480 Ga
STEINBERG M P 3330 Ill STEINBRUEGGE G W 6510 Nebr
STEINETZ LCTT! M.Mrs 6045 Mo STEINHAGEN H P 11420 W Va STEINHAUER A L 4890 Md
STEINHILB H M 5457 Mich STEINHOFF H W 1435 Colo STEINHOFF R J 3234 Idaho
STEINHOFF R J 3234 Idaho STEINKE JOSEPH 7070 N J STEINKRAUS K H 7310 N Y
STEINMUELLERM H 5365 Mich STEIZIG D A 11440 W Va
STELLMON M W 3180 Idaho STELLWA.GEN W R 8878 Pa STELLY BANDALL 10000 Tex
STELLY RANDALL 10000 Tex STEMBERGER A P 8780 Pa
STEMBRIDGE G E 9430 S C STEMPKE L W 6390 Mont STENQUIST N J 10390 Utah
STENUF T J 7350 NY S1ENUF T J 7354 N Y
STENZEL GEORGE 11375 Wash STEPHEN V R 7250 N Y STEPHEN W A 7990 Ohio
STEPHEN W P 8530 Oreg STEPHENS C A L Jr 350 Ariz
STEPHENS DF 8440 Okla Idaho STEPHENS G B 1735 Conn
STEPHENS G R 1735 Conn STEPHENS J F 8035 Ohio STEPHENS J F 8210 Ohio
STEPHENS J M 2220 Fla STEPHENS R L 9280 S C STEPHENS S G 7480 N C
STEPHENS T S 10295 Tex STEPHENS W P 7080 N Mex
STEPHENSON A B 6080 Mo STEPHENSON D A 11760 Wis STEPHENSON E L 570 Ark
STEPHENSON G K 10350 Tex STEPHENSON K Q 8800 Pa STEPHENSON L E 1568 Colo
STEPHENSON M E 5365 Mich STEPHENSON MICHAEL 2600 Ga
STEPHENSON R B Jr 1568 Colo STEPHENSON S N 5220 Mich
STEPONKUS PL 7250 NY STEPP JM 9340 SC STERLING CLARENCE 1010 Calif
STERLING J C 7250 N Y STERLING W L 10090 Tex STERMER R A 10020 Tex
STERMITZ F R 1510 Colo STERN D N 5170 Mass STERN V M 1270 Calif
STERN V M 1270 Call: STERN W L 4830 Md

STERNLOFF RE 7470 NC
STESSEL G J 9240 R1
STETSTON LE 5510 Nebs
STETTLERN RF 11375 Weah
STEVENS C E J 5500 Me
STEVENS C E 7240 N Y
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STEVENS S E 5500 Men
STEVENS S E 7470 N C
STEVENS S E 1050 Cobe

STONE-SUOMI

STORE 5 ON A 15

STORE TO B 5 ON A 15

STORE

TARAPCHAK JUDITH Mrs 5580 Minn SXADER F N 7250 NY
SXAD F S N 1315 CGH
SWALL S N 13

TAYLOR-THO MPSON

TAYLOR JULIA B 9370 S C TAYLOR L H 10830 Va TAYLOR M C 6230 Mont TAYLOR M H 690 Ark TAYLOR M H 10440 Utah TAYLOR N E 6392 Mont TAYLOR N L 4140 Ky TAYLOR R E 1375 Colo TAYLOR R E 1375 Colo TAYLOR R E 8050 Chio TAYLOR R E 8050 Chio TAYLOR R L 6610 Nev TAYLOR R M 10300 Tex TAYLOR R M 3460 Ind TAYLOR W M 3460 Ind TAYLOR W M 20 Ala TAYLOR W H 20 Ala TAYLOR W H 20 Ala TAYLOR W H 20 Ala TAYLOR W M 2240 Fla TAYLOR W M 2240 Fla TAYLOR W R 8110 Ohio TEAGUE H S 7910 Ohio TEAGUE H S 7910 Ohio TEAGUE H S 8080 Ohio TEAGUE R D 1175 Calif TEAL R H 8500 Oreq TEARE I D 3850 Kans TEATE J L 8370 Okla TEATER R W 7890 Ohio TEATER R W 7890 Ohio TEATER R W 7890 Ohio TEATER R W 8025 Ohio TEATER R W 8025 Ohio TEATER R W 8020 Ohio	TERBORGH IW 4830 Md	THOMAS FI 5565 Minn
TATEON JULIA D 93/0 5 C	TERESA C.W. 3080 Idaha	THOMAS II D FOAG MILE
TAILOR L R 10830 Va	TENESA GAY SOOO INDIO	THOMAS E R 5840 MISS
TAYLOR M C 6230 Mont	TERRELL W G Jr 11180 Wash	THOMAS ELIZABETH 3530 Ind
TAYLOR M H 690 Ark	TERRIAE 6730 NH	THOMASFB 7460 NC
TAYLOR M.H. 10440 Ittah	TERRIERE L.C. 8490 Oreg	THOMAS G.D. 6010 Mo
TAYLOR N.F. 6392 Mont	TERRIERE L.C. 8530 Oreg	THOMAS C.F. 140 Ala
TAMI OD NI ALLO M	TERRIT T P 10000 V-	THOMAS G.F. 140 Alu
TATLOR N L 4140 Ky	TERRITE IN 10000 VG	THOMAS G.E. 6020 Mo
TAYLOR O C 1315 Calif	TERRY D.L. 7540 N.C.	THOMAS G J 5690 Miss
TAYLOF R E 1375 Colo	TERRY H R 8330 Okla	THOMAS G M 11905 Wyo
TAYLOR R.F. 3130 Idaho	TERSHAK D.B. 8908 Pa	THOMAS G.W. 4140 KV
TAVI OD D.C. 7070 OL	TESAD M D 5000 Mich	THOMACCW COLO MA
TAILOR R E 7970 Cmo	TECH E COOF D	THOMAS G W GOLO MO
TAYLOR R.F. 8050 Chio	1E51 A F 8885 Pa	THOMAS G W 7080 N Mex
TAYLORRL 300 Alaska	TESSMAN ANDREW 10710 Vt	THOMAS GENEVIEVE W Mrs 2320 Fl
TAYLORRL 6610 Nev	TESTERCF 7400 NC	THOMASHR 10840 Va
TAYLOR R M 10300 Toy	TETLINGA 1890 Del	THOMAS H.R. 11010 Va
TAVIOD D D 200 A :	TETRAULT BC 8810 Pg	THOMAS I A 2000 Inves
TAILON N.R. 390 Ariz	TETTE IS USE NO	THOMAS J.A. 3660 Towd
TAYLORRW 3460 Ind	TETTE J: /300 N Y	THOMAS J.A. 10540 Utah
TAYLOR TH 4140 Ky	TEUTING ERNA 1440 Colo	THOMAS J.A. 10590 Utah
TAYLOR W D 10000 Tex	TEVIS L P 1295 Calif	THOMAS JB 5430 Mich
TAYLOR W.F. 8440 OLLO	TEXIDORRA 9090 PR	THOMAS ID 8780 Pa
TAVIORWE 0440 ORIG	THACKER D. I 3070 Idana	THOMAS IE 9000 Obla
TAVE OF WILL 100 IN	THACKED E I 7600 N.DL	THOMAS J.C. 10000 T.
TATLOR W.H. 130 Ala	THACKER E J 7090 N DOK	THOMAS J G 10090 Tex
TAYLOR W.M. 2230 Fla	THACKER G H 7250 N Y	THOMAS JR 10295 Tex
TAYLOR W M 2240 Fla	THACKERSW 2480 Ga	THOMAS JW 5240 Mich
TAYLOR W.R. 7940 Ohio	THACKEBAY HELEN 10522 Litah	THOMAS I W 11420 W Va
TAVIOD W.D. 0110 ON:	THADEN R T 9660 S Dak	THOMAS H SS20 Minn
TAILOR W.R. 8110 Onto	THANKE CENA COO N T	THOMAS KIT 3320 WARRE
TAYLOR ZONA D Mrs 5790 Miss	I HAMES GENA DOOU IN J	THOMAS L E 1650 Conn
TEAGUE H S 7910 Ohio	THAMES J L 520 Ariz	THOMAS M C 10050 Tex
TEAGUE H.S. 8080 Ohio	THAMES N E 4450 La	THOMAS MARTHA T Mrs 5430 Mich
TEAGUE P.K. 4210 Kv	THAMES N.E. 4340 La	THOMAS M.D. 8500 Oreg
TEACHE D. D. 1135 Control	THAMES WHIT 10150 Tox	THOMAS O O SOM MORE
TLAGUL R L 11/5 CdNI	THARD DEDMOR I COOL D	THOMAS O D 4030 Mil
TEAL RH 8500 Oreg	THAMP DERIVICE J 8890 Pa	THOMAS OP 4930 Md
TEAREID 3850 Koons	THARP V L 8040 Ohio	THOMASPE 11320 Wash
TEATEJL 8370 Okla	THATCH D W 6920 N J	THOMASPR 7960 Ohio
TEATER R.W. 7890 Onto	THATCHER [O 1375 Colo	THCMAS PR 8130 Ohio
TEATER R W 7000 Ohio	THATCHER W.W. 2060 Flg	THOMAS R.C. 10295 Tex
TEATER N W /900 ONIO	TUANTON ID 7520 N.C.	THOMAS D. I. 7470 N.C.
TEATER R W 8025 Ohio	THAVED BY ASSOCIATE	THOMAS R J 7470 N C
TEATER W 8060 Ohio	THAYERRH 82/U Okla	THOMASRJ 8730 Pa
TEATER R W 8070 Ohio	THAYNEWV 11400 WVa	THOMAS R K 7260 N Y
TEATS T.B. 10790 V+	THEDFORD T R 8420 Okla	THOMASRO 5880 Miss
TEDDLIE ALICE T 4500 La	THEIL ELIZABETH C Mrs. 7385 N.C.	THOMAS BO 11400 W Va
TEDDICK W.E. 5000 At 1	THEILEN: CH 1179 Calif	THOMAS CHIREEV AND DI
TEDRICK W E 5290 Mich	THELEN G II 11/0 CUIN	THOMAS SHIMLET 5210 MT
TEDROW J C F 7050 N J	THELEN A J 5240 Mich THIEL LINDA Mrs 8620 Oreg THIEM W R 6640 Nev	THOMAS VELMA Mrs 6170 Mo
TEDROWNP 1690 Conn	THIEL LINDA Mrs 8620 Oreg	THOMASWB 3 92 0 Kans
TEEGUARDEN D.E. 868 Calif	THIEM W R 6640 Nev THEODORATUS R J 1460 Colo	THOMASWB 10040 Tex
TEFKELL B.A. 4520 L.	THEODORATUS R J 1460 Colo	THOMAS W I 8730 Pa
TEEL N.D. 1000 D.	THERRELL J S 5780 Miss	THOMAS W O 5880 Miss
IEEE W. W. 1030 Del	THETFORD F C 10300 Tex	
TEEM D H 30 Ala	THE IDED OF 240 I	THOMAS W R 1375 Colo
TEER J G 10145 Tex	THEURER CB 340 Ariz	THOMAS WINFRED 252 Ala
TEERJG 10170 Tex	THEURER J C 10540 Utah	THOMASON I J 1300 Calif
TEER PATRICIA A 210 Alg	THEVAOS THEOLA F Mrs 8780 Pa	THOMPSON A E 3360 III
TERDIAE 6700 MM	THIBODEAU G A 9610 S Dak	THOMPSON A H 4920 Md
TEEDTH LED WE seek El	THIEL LINDA Mrs 8620 Oreg	THOMPSON ANN E 10930 Va
TEFERTILLER K.R. 2000 Fla	THEE ENDA MIS 0020 Oleg	
	THIENCH DOED IZ	
TEHO F G 2970 Hawaii	THIEN S.J. 3850 Kan	THOMPSON B D 2220 Fla
TEDRICK W E 5290 Mich TEDROW J C F 7050 N J TEDROW N P 1690 Conn TEEGUARDEN D E 868 Calif TEEKELL R A 4520 La TEEL M R 1890 Del TEEM D H 30 Ala TEER J G 10145 Tex TEER J G 10170 Tex TEER PATRICIA A 210 Ala TEERI A E 6730 N H TEFERTILLER K R 2000 Fla TEHO F G 2970 Hawan TEICHMAN JANIS K Mrs 2930 Hawan	THIENSJ 3850 Kan THIELTJ 5640 Minn	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg
ILICHMAN JAMIS K MIS 2930 Hawaii	THIELGES BA RIGO ONIO	THOMPSON B D 2220 Fla
TEJADA J J 7085 N Mex	THIELGES BA RIGO ONIO	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg
TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex	THIELGES BA RIGO ONIO	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg
TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex TEJEBA ERNESTO GONJALEZ 8940 P.R	THIELGES BA RIGO ONIO	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C
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TEICHMAN SANIS K MIS 2930 Hawdii TEJADA J J 7170 N Mex TEJADA J J 7170 N Mex TEJERA ERNESTC GONZALEZ 8940 P R TEKRONY D M 4140 Ky TELLE P P 1375 Colo TELLER C J 6880 N J TELLER H L 1435 Colo TELLE. F J 6880 Pa TEMPLE G H 6820 Pa TEMPLE G H 6820 Pa TEMPLETON G E 670 Ark TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TEMPLETON W C Jr 4140 Ky TENEYCK G R 3950 Kans TENGERDY R P 1510 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans	THIELGES B A 8160 Ohio THIEM W R THIESSEN W L 3090 Idaho THIGPEN A C 4610 La THILENIUS J F 11910 Wyo THODE F W 9430 S C THOELE H W 8770 Pa THOELE H W 8770 Pa THOMAS A I 10315 Tex THOMAS A W 1410 Colo THOMAS A LTA F 9795 Tenn THOMAS C A Jr 9365 S C THOMAS C E 10295 Tex	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C THOMPSON CAROLE JO 9630 S Dak THOMPSON CHARLOTTE 5352 Mich THOMPSON D L 7400 N C THOMPSON D Q 7250 N Y THOMPSON D R 5540 Minn THOMPSON D R 5565 Minn THOMPSON D R 5565 Minn THOMPSON E F 10940 Va THOMPSON E G 1410 Colo THOMPSON E G 1410 Colo THOMPSON B 5940 Mo THOMPSON G B 5940 Mo THOMPSON G B 5940 Mo THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON J C Jr 7280 N Y THOMPSON J C Jr 7280 N Y THOMPSON J C 2390 Ga THOMPSON J E 9570 S Dak THOMPSON J E 9570 S Dak
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TEICHMAN SAMIS K MIS 2930 Hawdii TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex TEJERA ERNESTC GONZALEZ 8940 P R TEKRONY D M 4140 Ky TELFORD H S 11270 Wash TELLE P P 1375 Colo TELLER C J 6880 N J TELLER H L 1435 Colo TELLEL F J 6760 Pa TEMPLE G H 8820 Pa TEMPLE H C 7280 N Y TEMPLETON G E 670 Ark TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TEMPLETON W C Jr 4140 Ky TENEYCK G R 3950 Kans TENGERDY R P 1510 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans TENNANT ROBERT 1690 Conn	THIELGES B A 8160 Ohio THIEM W R THIESSEN W L 3090 Idaho THIGPEN A C 4610 La THILENIUS J F 11910 Wyo THODE F W 9430 S C THOELE H W 8730 Pa THOELE H W 8770 Pa THOMAS A I 10315 Tex THOMAS A W 1410 Colo THOMAS ALTA F 9795 Tenn THOMAS C A Jr 9365 S C THOMAS C B 10295 Tex THOMAS C F 190 Ala THOMAS C H 4430 La THOMAS C H 5830 Miss THOMAS C M 3150 Idaho THOMAS C W 1410 Colo THOMAS D P 11372 Wash THOMAS D W 3410 Ind THOMAS D W 8780 Pa	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C THOMPSON CAROLE JO 9630 S Dak THOMPSON CHARLOTTE 5352 Mich THOMPSON D L 7400 N C THOMPSON D Q 7250 N Y THOMPSON D R 5540 Minn THOMPSON D R 5565 Minn THOMPSON D R 5565 Minn THOMPSON E F 10940 Va THOMPSON E G 1410 Colo THOMPSON E G 1410 Colo THOMPSON B 5940 Mo THOMPSON G B 5940 Mo THOMPSON G B 3630 lowa THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON J C Jr 7280 N Y THOMPSON J C Jr 7280 N Y THOMPSON J C 2390 Ga THOMPSON J E 9570 S Dak THOMPSON J R 2910 Hawaii THOMPSON J R 2910 Hawaii THOMPSON J R 3050 Hawaii
TEICHMAN SAMIS K MIS 2930 Hawdii TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex TEJERA ERNESTC GONZALEZ 8940 P R TEKRONY D M 4140 Ky TELFORD H S 11270 Wash TELLE P P 1375 Colo TELLER C J 6880 N J TELLER H L 1435 Colo TELLEL F J 6760 Pa TEMPLE G H 8820 Pa TEMPLE H C 7280 N Y TEMPLETON G E 670 Ark TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TEMPLETON W C Jr 4140 Ky TENEYCK G R 3950 Kans TENGERDY R P 1510 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans TENNANT ROBERT 1690 Conn	THIELGES B A 8160 Ohio THIEM W R THIESSEN W L 3090 Idaho THIGPEN A C 4610 La THILENIUS J F 11910 Wyo THODE F W 9430 S C THOELE H W 8730 Pa THOELE H W 8770 Pa THOMAS A I 10315 Tex THOMAS A W 1410 Colo THOMAS ALTA F 9795 Tenn THOMAS C A Jr 9365 S C THOMAS C B 10295 Tex THOMAS C F 190 Ala THOMAS C H 4430 La THOMAS C H 5830 Miss THOMAS C M 3150 Idaho THOMAS C W 1410 Colo THOMAS D P 11372 Wash THOMAS D W 3410 Ind THOMAS D W 8780 Pa	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C THOMPSON CAROLE JO 9630 S Dak THOMPSON CHARLOTTE 5352 Mich THOMPSON D L 7400 N C THOMPSON D Q 7250 N Y THOMPSON D R 5540 Minn THOMPSON D R 5565 Minn THOMPSON D R 5565 Minn THOMPSON E F 10940 Va THOMPSON E G 1410 Colo THOMPSON E TTA Mrs 2450 Ga THOMPSON G B 5940 Mo THOMPSON G B 5940 Mo THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON J C Jr 7280 N Y THOMPSON J C 2390 Ga THOMPSON J E 9570 S Dak THOMPSON J R 2910 Hawaii THOMPSON J R 3050 Hawaii
TEICHMAN SAMIS K MIS 2930 Hawdii TEJADA J J 7085 N Mex TEJADA J J 7170 N Mex TEJERA ERNESTC GONZALEZ 8940 P R TEKRONY D M 4140 Ky TELFORD H S 11270 Wash TELLE P P 1375 Colo TELLER C J 6880 N J TELLER H L 1435 Colo TELLEL F J 6760 Pa TEMPLE G H 8820 Pa TEMPLE H C 7280 N Y TEMPLETON G E 670 Ark TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TEMPLETON W C Jr 4140 Ky TENEYCK G R 3950 Kans TENGERDY R P 1510 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans TENNANT ROBERT 1690 Conn	THIELGES B A 8160 Ohio THIEM W R THIESSEN W L 3090 Idaho THIGPEN A C 4610 La THILENIUS J F 11910 Wyo THODE F W 9430 S C THOELE H W 8730 Pa THOELE H W 877C Pa THOMAS A I 10315 Tex THOMAS A W 1410 Colo THOMAS A LTA F 9795 Tenn THOMAS C A Jr 9365 S C THOMAS C B 10295 Tex THOMAS C F 190 Ala THOMAS C H 4430 La THOMAS C H 5830 Miss THOMAS C M 3150 Idaho THOMAS C W 1410 Colo THOMAS C W 1410 Colo THOMAS D W 11372 Wash THOMAS D W 3410 Ind THOMAS D W 10390 Utah THOMAS D W 10390 Utah THOMAS D W 10590 Utah	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C THOMPSON CAROLE JO 9630 S Dak THOMPSON CHARLOTTE 5352 Mich THOMPSON D L 7400 N C THOMPSON D Q 7250 N Y THOMPSON D R 5540 Minn THOMPSON D R 5565 Minn THOMPSON D R 5565 Minn THOMPSON E F 10940 Va THOMPSON E G 1410 Colo THOMPSON E G 1410 Colo THOMPSON B 5940 Mo THOMPSON G 3720 Iowa THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON J C Jr 7280 N Y THOMPSON J C Jr 7280 N Y THOMPSON J C 2390 Ga THOMPSON J E 9570 S Dak THOMPSON J R 2910 Hawaii THOMPSON J R 3050 Hawaii THOMPSON J R 3050 Hawaii THOMPSON KATHLEEN 134 Ala THOMPSON L E 3770 Iowa
TEICHMAN SANIS K MIS 2930 Hawdii TEJADA J J 7170 N Mex TEJADA J J 7170 N Mex TEJERA ERNESTC GONZALEZ 8940 P R TEKRONY D M 4140 Ky TELLE P P 1375 Colo TELLE P D 1375 Colo TELLE P J 6880 N J TELLER L 1435 Colo TELLE J 6880 Pa TEMPLE G H 6820 Pa TEMPLE G H 6820 Pa TEMPLETON G E 670 Ark TEMPLETON MARY E Mrs 11460 W Va TEMPLETON W C Jr 4140 Ky TEMPLETON W C Jr 4140 Ky TEMPLETON W P 1510 Colo TENGERDY R P 1510 Colo TENGERDY R P 1540 Colo TENNANT B C 1178 Calif TENNANT MARJORIE A 3970 Kans TENNANT ROBERT 1690 Conn	THIELGES B A 8160 Ohio THIEM W R THIESSEN W L 3090 Idaho THIGPEN A C 4610 La THILENIUS J F 11910 Wyo THODE F W 9430 S C THOELE H W 8730 Pa THOELE H W 8770 Pa THOMAS A I 10315 Tex THOMAS A W 1410 Colo THOMAS ALTA F 9795 Tenn THOMAS C A Jr 9365 S C THOMAS C B 10295 Tex THOMAS C F 190 Ala THOMAS C H 4430 La THOMAS C H 5830 Miss THOMAS C M 3150 Idaho THOMAS C W 1410 Colo THOMAS D P 11372 Wash THOMAS D W 3410 Ind THOMAS D W 8780 Pa	THOMPSON B D 2220 Fla THOMPSON B G 8530 Oreg THOMPSON C A 4120 Kans THOMPSON C G 8726 Oreg THOMPSON C W 9480 S C THOMPSON CAROLE JO 9630 S Dak THOMPSON CHARLOTTE 5352 Mich THOMPSON D L 7400 N C THOMPSON D Q 7250 N Y THOMPSON D R 5540 Minn THOMPSON D R 5565 Minn THOMPSON D R 5565 Minn THOMPSON E F 10940 Va THOMPSON E G 1410 Colo THOMPSON E TTA Mrs 2450 Ga THOMPSON G B 5940 Mo THOMPSON G B 5940 Mo THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON H E 3630 lowa THOMPSON J C Jr 7280 N Y THOMPSON J C 2390 Ga THOMPSON J E 9570 S Dak THOMPSON J R 2910 Hawaii THOMPSON J R 3050 Hawaii

TORRES-TURRELL

TORRESTPUTIONS AMEAU SOID

TOPOFFS SEPTUTIONS AMEAU SOID

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PROPERS SEPTUTIONS AMEAU SOID

TOPOFFS SERVICE SOID

TO

TUTHILL BYRDINE H Mrs 6050 Mo

UNRUH C R 3970 Kams

VAN CLEVE KHITH 3C5 Alaska
TUTHILL D F 4850 Md

UNZICKER J D 3310 III

VAN COEVERING J A 5455 Mich
TUTT C R 4140 Ky

UOTO MASAMI 1150 Calif

VANDEMARK J S 3360 1II

TUTTEROW HARRIET 7450 N C

UMPHLETT C J 9300 S C

VAN DE MARK MILDRED Ams 150

TUTTLE A P 5120 Mass

UPADHYAY J 11152 Va

Ala

TUTTLE D M 440 Ariz

UPCHURCH J W Jr 7375 N C

TUTTLE DAWN H Mrs 460 Ariz

UPCHURCH W J 5935 Mo

Ala

TUTTLE DAWN H Mrs 460 Ariz

UPCHURCH W J 5935 Mo

Ala

TUTTLE J W 4150 Ky

UPHAM W K 10000 Tex

VAN DEMARK N L 7940 Ohio
TUKBURY W V 10730 Vt

UPPER C D 11770 Wis

VAN DEMARK N L 7940 Ohio
TWEEDY B G 6070 Mo

UPSON D W 4090 Kams

VAN DEMARK P J 7255 N Y

TWEEDY D G 8530 Oreg

UPTON J P Jr 10830 Va

VANDEMARK V A 7960 Ohio
TWEETEN L G 8320 Okla

URATA UKIO 2900 Hawaii

VANDENBERGE J C 5650 Minn
TWEHAUS M J 6580 Nebr

URBAIN W M 5310 Mich

VANDENBERGH J G 7560 N C

TWIGG B A 4920 Md

URBAN H B 8880 Pa

VANDERBILT M D 1410 Colo | Compared to the compared to

TYLER W S 1178 Cain

TYNER E H 3250 III

URY MARY T Mrs 805C Ohio

TYNER F H Jr 2000 F Ia

USEM JOHN 5410 Mich

VAN DeWERKEN HENDRIK 9840 Te

TYNES J S 4435 La

USEM JOHN 5410 Mich

VANDIVER WILMA 4/10 Ky

TYPPO J T 6050 Mo

USSERY MARGARET A 9795 Tenn

TYPPO MARION H Mrs 6050 Mo

UTHE ELAINE F 5260 Mich

TYREE J M 1093C Va

UTLEY P R 2620 Ga

TYREE J M 10938 Va

UTZ A P 4210 Ky

TYRELL W P 9740 Tenn

UTZINGER J D 8020 Ohio

TYRON B L 2630 Ga

UVACEK EDWARD 10000 Tex

TYSON JANIE L 2150 F Ia

UYEMOTO J K 732C N Y

TYSOWSKY MICHAEL Jr 4890 Md

UZOUKWU MBA 5430 Mich

TYZNIK W J 7910 Onlo

UZZLE RUBY P Mrs 7410 N C

VAN EYRE G 7390 N C VAN DeWERKEN HENDRIK 9840 Tenn U

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UCHICA R. S. 2910 Hawaii
UDALL R. H. 1540 Cala
UCHEAR A. S. 2910 Hawaii
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UDALL R. H. 1540 Cala
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UCHEAR A. S. 2910 Hawaii
UDALL R. H. 1540 Cala
UCHEAR A. S. 2910 Hawaii
UDALL R. H. 1540 Cala
UHL A. MARAIL I. T. 7250 N. Y
UHL S. 11375 Wash
UHL C. H. 7250 N. Y
UHL J. N. 3460 Ind
UHL NATALLE W. Mrs. 7250 N. Y
UHL J. N. 3460 Ind
UHL NATALLE W. Mrs. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
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UHL B. C. 7250 N. Y
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UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. N. 3510 C. Mrs.
UHL B. C. 7250 N. Y
UHL J. Mrs. 7250 N. Y
ULL J. Mrs. 7250 N. Y
UNA SCHARH H. J. 1230 C. Mrs.
ULREY D. G. 7250 N. Y
UNA SCHARH H. J. 1230 C. Mrs.
ULREY D. G. 7250 N. Y
UNA SCHARH H. J. 1230 N. J. N. Y
UNA SCHARH H. J. 1230 N. J. N. Y
UNA SCHARH H. J. 1230 N. J. N. Y
UNA SCHARH H. J. 1230 N. J. N. Y
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UNA SCHARH H. J. 1230 N. J. N. Y
UNA SCHARH H. J. 1230 N. J. N. Y
UNA SCHARH H. J. 1230 N. N. Y
UN VAN ES J C 3280 III VAN ESELTINE W P 2560 Ga

VAN WINKLE-WAGNON

VAN WINKLE JW 6230 Mont
VAN WINKLE JW 6230 Mont
VAN WINKLE JW 6230 Mont
VAN WINKLE ML 2450 Ga
VAN ZAND COPOCHYN 4900 Md
VAN ZAND T SALL M 778 6545 Near
VARDAMAN TH 5300 Miss
VARDAMAN TH
 VEGA IVELISSE PADRO de Mrs P R
 9990 VIS UDELL
 VIS UDELL
 1265
 Calif VIS UDELL
 WADLEY B N
 10410
 Utoh

 VEGA NELIDA MORALES de Mrs
 9090
 VIS UDELL
 1265
 Calif VIS UDELL
 1320
 Calif WADLINGTON G F
 7935
 Ohic

 VEDEM MEYER F J
 1155
 Calif
 VITOPL W L
 10180
 Tex
 WADSWORTH D F
 8290
 Okla

 VELEZ BAEZ ADALBERTO
 9030
 VITOSH M L
 5230
 Mich
 WADSWORTH B F
 860
 Oreg

 VELEZ ARAMINTA MARTINEZ de Mis 990
 VITINS V J
 5660
 Minn
 WADSWORTH B F
 8630
 Oreg

 VELEZ DELGADO J A
 9090
 P R
 VITINS V J
 5660
 Minn
 WAGGAR J A
 11375
 Wash

 VELEZ DELGADO J A
 9090
 P R
 VIVIAN VIRGINIA M
 8170
 Ohio
 WAGGAR L
 11375
 Wash

 VELEZ PEDRO B
 9090
 P R
 VIVACHAS B
 860
 Calif
 WAGGONER B
 E 8630
 Mag

 VELEZ RAMOS ANTONIO B
 8940
 P R
 VO

WAGONER DE 7800 N Dak

WALKUP J L 542 Ariz

WANG C W 3232 Idaho

WANG C Y 8720 Oreg

WAHL M R 11664 Wis

WALL M L 625 Ark

WANG CHUN-JUAN K Mrs 7340 N Y

WAHLSTROM R C 9520 S Dak

WALLACE A M 4140 Ky

WANG HIH-MIN Mrs 8750 Pa

WANG SY 8720 Oreq

WANG SY 8720 O MATTERS IN 1990 TO 1990

MACHERIA CULLLE 3990 Kans

MALLACE DE 1990 Ms

MACHERIA CULLLE 3990 Ms

MACHERIA CULLLE 3990 Ms

MALLACE DE 1990 Ms

MALLACE DE 1990 Ms

MALLACE DE 2990 Ms

MALL

WANJURA D F 430 Ariz
WANTCCH ARDELL H Mrs 5585 Minn WARDEBERG HELEN L 7250 N Y WARER E 9300 S.C.
WARE TO 4380 La
WARFIELD CAROL L Mrs 3350 111 WARFIELD FANCHON F 8010 Ohio

WARREN-WEINER

WARREN B J 2470 Ga
WARREN C G 1510 Colo
WARREN D H 628C Mont
WARREN D H 628C Mont WARREN F G 7460 N C WARREN G F 3540 Ind
WARRENGF 3540 Ind
WARREN H M 20 Ala
WARREN H M 130 Ala
WARREN H M 130 Ala WARREN J A 7550 N C WARREN L O 625 Ark
WARREN L O 625 Ark
WARREN M R 7470 N C WARREN R B 6420 Nebr WARREN R D 3805 Iowa
WARREN R D 3805 Iowa
WARREN REX 8560 Orea
WARRENS W 7250 N Y WARREN W J 9492 S C WARREN W M 50 Ala
WARREN W J 9492 S C
WARREN W M 50 Ala
WARRICK A W 370 Ariz WARRICK W C 7430 N C WARRICK W C 7450 N C
WARRICK W C 7430 N C
WASCOM B W 4510 La
WASHBON MARJORIE B Mrs 7260 N
WASHBURN K W 2550 Ga
WASHBURN R H 300 Alaska
WASHBURN R I 3234 Idaho
WASHINGTON US 1940 Del
WASHINGTON WALTER 5890 Miss.
WASHINORK 990 Calif
WASHKO J B 8740 Pα
WASHKO W W 1660 Conn WASIK J L 7550 N C
WASIN J.L. 7550 N.C. WASS W.M. 3820 Iowa
WASSER C H 1435 Colo
WASSERMAN R H 7280 N Y
WASSOM C E 3850 Koms
WASZILYCSAK GEORGE 6960 N J
WATADA A E 11440 W Va
WATADA A E 11440 W Va WATADA R Y 2940 Hawaii
WATANABE F S 1375 Colo
WATANABERT 2910 Hawaii
WATANABET 3660 Iowa WATERMANFE 7280 NY
WATERSEC 7332 NY
WATERS J C 2440 Ga
WATERS I. H 7300 N Y
WATERS L H 7300 N Y WATERS N D 3140 Idaho
WATERS R E 5890 Miss
WATERS TF 5550 Minn
WATERS T F 5550 Minn WATERS W E 2240 Fla WATERS W H 4390 La
WATERS W H 4390 La
WATERS W K 8780 Pa
WATERWORTH DORIS K Mrs 320 Ariz WATKINS D O 7250 N Y
WATKINS DO 7250 N Y WATKINS E P 7960 Ohio
WATKINS G M 10150 Tex
WATKINS HAYDEN 4140 Ky
WATKINS J L 8750 Pa
WATKINS J W 7970 Ohio
WATKINS K W 1510 Colo WATKINS M O 1990 Fla WATKINS R W 7430 N C
WATKINS MO 1990 Fla
WATKING DW 7420 NG
WATROLIC CLI 0770 D
WATROUS GH 877C Pa
WATROUS GH 877C Pa
WATROUS GH 877C Pa WATSON BF 10060 Tex WATSON CA 3980 Kans
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii WATSON HAROLD 120 Ala
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii WATSON HAROLD 120 Ala WATSON J E 220 Ala
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii WATSON HAROLD 120 Ala WATSON J E 220 Ala WATSON J P 7330 N Y
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii WATSON HAROLD 120 Ala WATSON J E 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawati WATSON HAROLD 120 Ala WATSON J E 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawaii WATSON D P 3000 Hawaii WATSON J E 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss WATSON L G 11480 W Va
WATROUS GH 877C Pa WATSON BF 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON DF 11000 Va WATSON DP 3000 Hawati WATSON DP 3000 Hawati WATSON JE 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss WATSON L G 11480 W Va WATSON R D 3190 Idaho
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawati WATSON HAROLD 120 Ala WATSON J E 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss WATSON L G 11480 W Va WATSON R D 3190 Idaho WATSON R L 10070 Tex WATSON T F 440 Ariz
WATROUS GH 877C Pa WATSON BF 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON DF 11000 Va WATSON DP 3000 Hawati WATSON DP 3000 Hawati WATSON JE 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 5790 Miss WATSON L G 11480 W Va WATSON R D 3190 Idaho WATSON R L 10070 Tex WATSON T F 440 Ariz WATSON V H 5700 Miss
WATROUS GH 877C Pa WATSON BF 10060 Tex WATSON C A 3980 Kans WATSON C E 7090 N Mex WATSON DF 11000 Va WATSON DP 3000 Hawati WATSON DP 3000 Hawati WATSON JE 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 7645 N C WATSON KATYE G Mrs 5790 Miss WATSON L G 11480 W Va WATSON R D 3190 Idaho WATSON R L 10070 Tex WATSON T F 440 Ariz WATSON V H 5700 Miss
WATROUS G H 877C Pa WATSON B F 10060 Tex WATSON C A 3980 Kans WATSON C B 3750 Iowa WATSON C E 7090 N Mex WATSON D F 11000 Va WATSON D P 3000 Hawati WATSON HAROLD 120 Ala WATSON J E 220 Ala WATSON J P 7330 N Y WATSON KATYE G Mrs 7645 N C WATSON KYRA R Mrs 5790 Miss WATSON L G 11480 W Va WATSON R D 3190 Idaho WATSON R L 10070 Tex WATSON T F 440 Ariz

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WATTERS RL 1540 Colo
WATTERS NL 1540 Colo
WATTERS NL 1540 Colo
WATTER S D 4520 Le
WATTER S D 4520 Le
WATTER S D 4520 Le
WATTER S D 6050 Lobo
WATTER S D 7520 Min
WA
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WEINCARTNERS D.F. 2240 Fla

WEINCARTNERS D.F. 2240 Fla

WEINCARTNERS SEC. Cold

WHITE-WILLIAMS

WHITE JY 880 Ps
WHITE LAND Mash
WHITE LAND MAS

WILLIAMS F W 2390 Gα WILLIAMS FLORA 3530 Ind
WILLIAMS GE 100 Ala
WILLIAMS G F 11200 Wash WILLIAMS G R 10960 Va
WILLIAMS GR 10960 Va
WILLIAMS GLORIA M Mrs 5580 Minn
WILLIAMS H C 7960 Ohio WILLIAMS H C 8130 Ohio
WILLIAMS HE 9722 Tenn
WILLIAMS H H. 7255 N Y
WILLIAMS HARRIET R 1960 Del WILLIAMS HELEN S Mrs 11155 Va
WILLIAMS IZOLA F 2100 Fla
WILLIAMS JB 590 Ark
WILLIAMS J B 4280 Ky WILLIAMS J B 5480 Minn
WILLIAMS J B 5480 Minn WILLIAMS J B 9370 S C
WILLIAMS J C 4550 La
WILLIAMS J C 10300 Tex
WILLIAMS J C 10320 Tex
WILLIAMS J C 10322 Tex WILLIAMS J E 2540 Gα
WILLIAMS J F 5430 Mich
WILLIAMS J H Jr 6410 Nebr
WILLIAMS J L 2390 Ga WILLIAMS J L Jr 3450 Ind
WILLIAMS J L J 3430 mg WILLIAMS J L 4435 La
WILLIAMS J M 9360 S C
WILLIAMS J N 9290 S C WILLIAMS J O 2881 Ga
WILLIAMS 10 2881 Gd WILLIAMS JR 10295 Tex
WILLIAMS JR 10310 Tex
WILLIAMS JS 151C Colc
WILLIAMS JANICE H Mrs 9850 Tenn
WILLIAMS LE 8030 Ohio
WILLIAMS L E 8200 Ohio WILLIAMS L F 1580 Conn
WILLIAMS L G 3130 Idaho
WILLIAMS LK 7250 NY
WILLIAMS L G 3550 Kan WILLIAMS L K 7250 N Y WILLIAMS L P 1540 Colo
WILLIAMS M.C. 10410 Utah
WILLIAMS M.C. 2560 Ga WILLIAMS M.S. 3240 III
WILLIAMS M S 3320 III
WILLIAMS M W 11310 Wash
WILLIAMS MALELLYN C 1175 Calif
WILLIAMS MARGUERITE P Mrs 680 Ark WILLIAMS MARY ANN 840 Calif
WILLIAMS MARY B 7550 N C
WILLIAMS MARY B 7550 N C WILLIAMS MARY C 2070 Fla
WILLIAMS N D 7680 N Dak WILLIAMS OPHELIA C 9494 S C
WILLIAMS OF THE IA C 5454 5 C
WILLIAMS O O 5920 Miss WILLIAMS P H 11770 Wis
WILLIAMS P.P. 7730 N. Dak.
WILLIAMS R.B. 4710 Me WILLIAMS R.B. 7560 N.C.
WILLIAMS R.L. 5730 Miss
WILLIAMS R L 7935 Ohio
WILLIAMS R L 7935 Ohio WILLIAMS R M 7250 N Y WILLIAMS R N 5155 Ohio
WILLIAMS RALPH 570 Ark
WILLIAMS PHONDA C 4910 Md
WILLIAMS ROBYNE Mrs 7820 'N Dak WILLIAMS SARAH Mrs 5910 Miss
WILLIAMS JE 7255 NY
WILL.AMS S W 3280 Ill WILLIAMS T H 1800 Del
WILLIAMS TH 1800 Del WILLIAMS TH 2440 Ga
WILLIAMS THE 2440 GG
WILLIAMS T.T. 4594 La WILLIAMS T.T. 4594 La
WILLIAMS WA 900 Calif
WILLIAMS W F 4840 Md WILLIAMS W L 2560 Ga
WILLIAMS W P 9390 S C
WILLIAMS WALLACE 600 Ark
WILLIAMS WALLACE 690 Ark WILLIAMSON A JANE 7820 N Dak
WILLIAMSON C E 7250 N Y

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WILLIAMSON E B 5890 Miss WILLIAMSON I C 6660 S Dak WILLIAMSON I C 10125 Tex WILLIAMSON I C 10125 Tex WILLIAMSON I C 10125 Tex WILLIAMSON R C 10840 Vo WILLIAMSON R C 10840 Vo WILLIAMSON R C 10840 Vo WILLIAMSON R E 7320 Miss WILLIAMSON R P 7320 Mis
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WINTER-WRIGHT

| WINTER-PRICHT | WITTER | Sept. | William | W

WHICH F C 1330 Tex
ARCHIT F C 1330 Tex
ARC

Z

ZABEL MYRA B Mrs 5580 Minn
ZABEL R A 7334 N Y
ZABEL R A 7334 N Y
ZABEL R A 7340 N Y
ZAHARA R B L 3490 Ind
ZELLER R I 1940 S SC0
ZELRER R I 9435 S C
ZELLER R I 1940 Colo
ZABER R J 8723 Creg
ZALLER R J 8723 Creg
ZALLER R J 8725 N Y
ZAHARA M B 1130 Calif
ZELLER R I 1480 W Va
ZABER R A 7340 N C
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZAHER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 7340 Ind
ZELLER R I 1480 W Va
ZABER R A 1310 Calif
ZELLER R I 1910 Colo
ZABER R A 1310 Calif
ZELLER R I 1910 Colo
ZABER R A 1310 Calif
ZERNINER R ARMY A Mrs 8885 Pa
ZARRA J B 8720 Colo
ZAK B R A 1320 Mass
ZALLIN R MILTON 490 Ariz
ZETTLE R S 8620 Pa
ZAK B R A 1320 Mass
ZALLER R J 1740 N IC
ZETTLE R W 2170 Fla
ZUBER M S 5935 Mc
ZUBER M S 1300 Calif
ZIEGLER L W 2140 Fla
ZUCCONI FRANCO 5350 Mics
ZUBER M S 1800 Mass
ZALLER R A 1360 Colo
ZUBER M S 1800 Mass
ZALLER R A 1360 Colo
ZUBER M S 1800 Mass
ZUBE ZABEL MYRA B Mrs 5580 Minn 8960 PR
ZARKOWER ARIAN 8870 Pg
ZAROOGIAN G E 9190 R 1
ZARTMAN D L 7130 N Mex
ZASADA Z A 5570 Minn
ZAUMBRECHER S J 4380 La
ZAVARIN EUGENE 868 Calif

ZAYAS LEON R A 9090 P R
ZAYAS RODRIGUEZ BRUNILDA 9090
ZIMMERMAN KATHARYN Mrs
ZIMMERMAN L H 320 Ariz ZEAGLER EVVA L Mrs 4460 La ZIMMER DE 7850 N. Dak. ZIMMER G F 2920 Hawaii ZIMMER GF 2920 Hawan ZIMMERMAN D C 7740 N Dak ZIMMERMAN D R 6420 Nebr ZIMMERMAN D R 3640 Iowa ZIMMERMAN C E 11190 Wash ZIMMERMAN J L 3880 Kans

ZIMMERMAN KATHARYN Mrs 6020 M ZIMMERMAN L N 8908 Pa ZONITCH GEORGE 7250 N Y ZSCHEILE F P Jr 900 Calif
ZUBE E H 5115 Mass
ZUBER M S 5935 Mc
ZUBRISKI J C 7860 N Dak
ZUCCONI FRANCO 5350 Mich
ZUCKER MILTON 1760 Conn
ZUCKERMAN B M 5180 Mass
ZUGER W E 11180 Wash
ZUPNIK J S 1580 Conn
ZWERMAN P J 7250 N Y
ZWICK R W 8720 Oreg
ZWICKER G H 3560 Ind
ZWOLANEK HELEN K 3350 III
ZWOLINSKI B J 10070 Tex
ZWOLINSKI M J 520 Ariz
ZYCH C C 3360 III

